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DEPARTMENT OF APPLIED STATISTICS
UNIVERSITY OF LONDON, UNIVERSITY COLLEGE

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# A STUDY OF THE LONG BONES OF THE ENGLISH SKELETON

BY
KARL PEARSON, F.R.S. AND JULIA BELL, M.A.

## ATLAS

PART I. THE FEMUR

PHOTOGRAPHIC PLATES I TO LIX
TABLES OF MEASUREMENTS AND OBSERVATIONS

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## II. TABLES OF MEASUREMENTS

Measurements of London Femora

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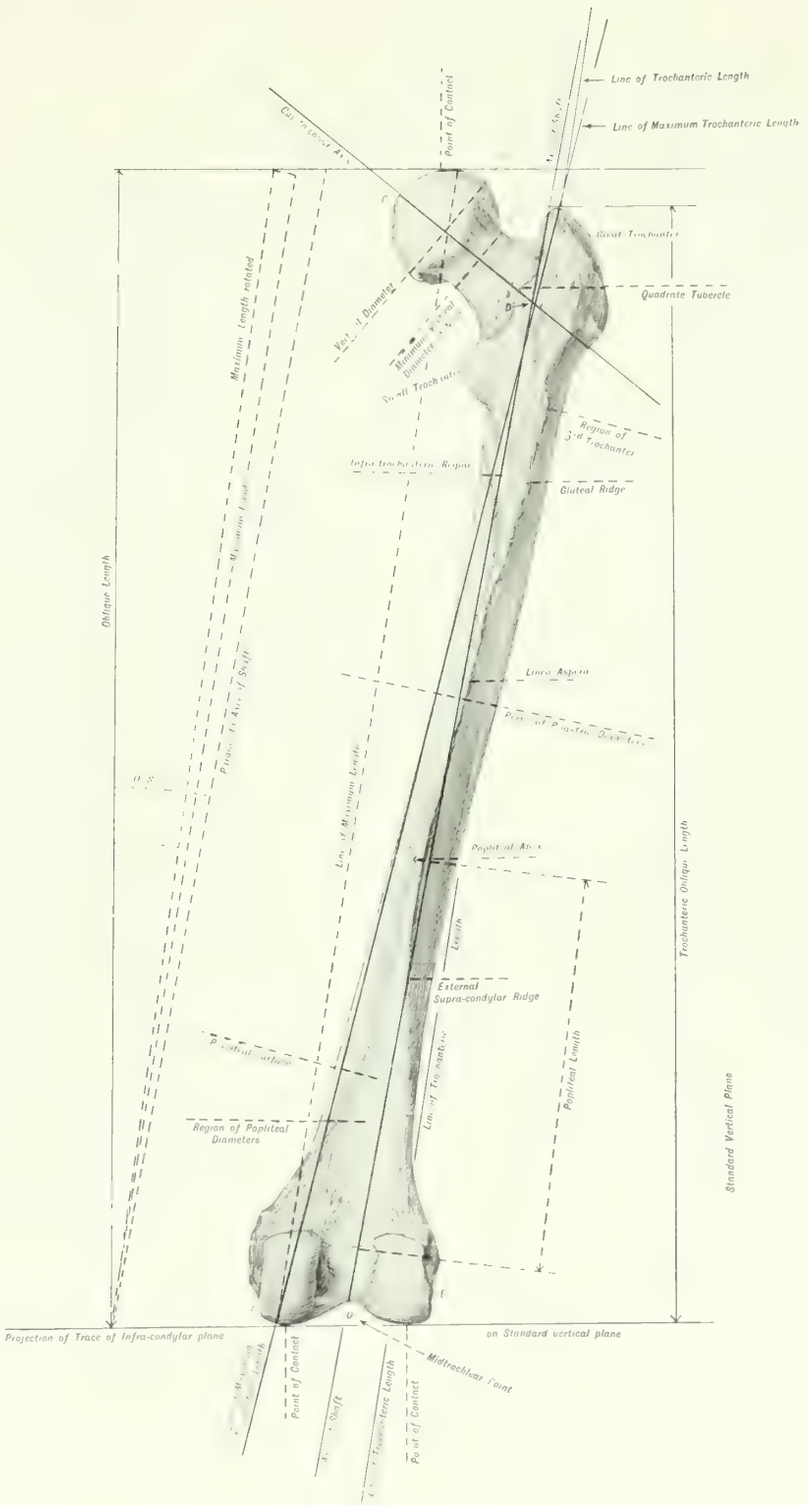



Diagram A. Posterior aspect of Femur to indicate measurements taken. [The torsion of the bone causes the axis of the shaft in appearance only to pass closer to the mesial than the lateral side of the bone in its proximal half.]

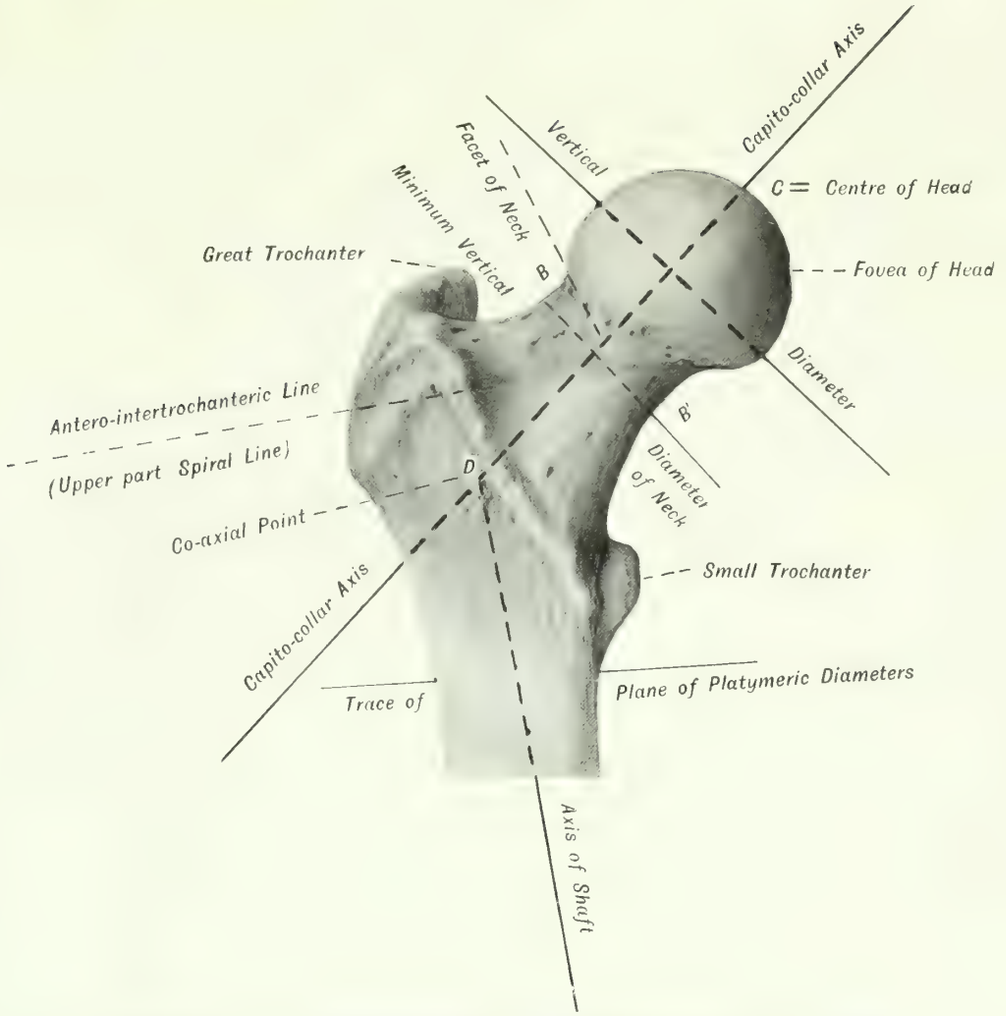



Diagram B. Measurements on Proximal End of Femur.

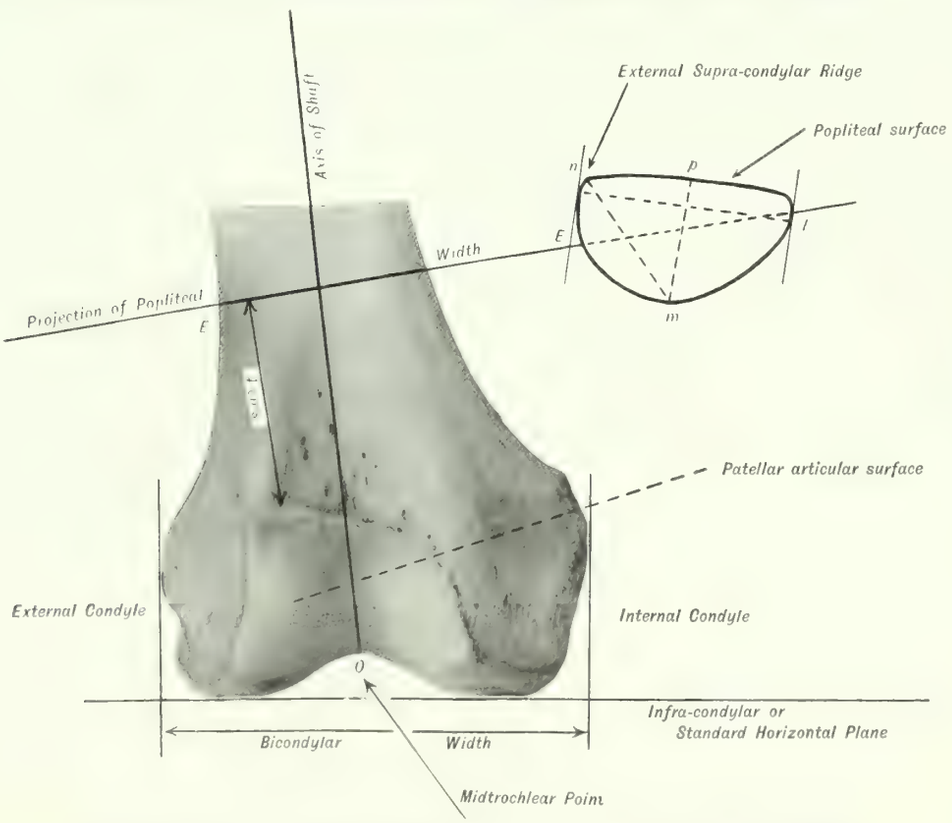



Diagram C. Measurements on Distal End of Femur.

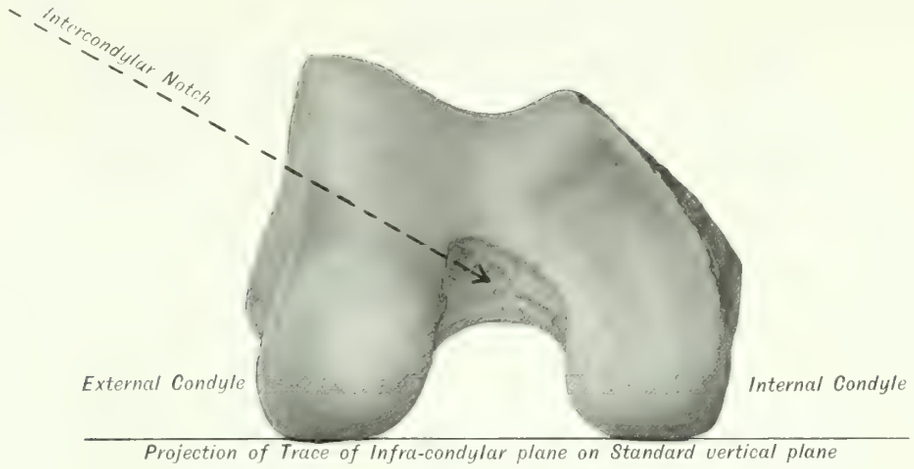

Intercondylar Notch
External Condyle
Internal Condyle
Projection of Trace of Infra-condylar plane on Standard vertical plane

Diagram D. To illustrate difference between measurement of "length" of external condyle and of internal condyle. Aspect of femur when standard vertical plane is horizontal. The infra-condylar or standard horizontal plane is then the vertical plane which touches both condyles.

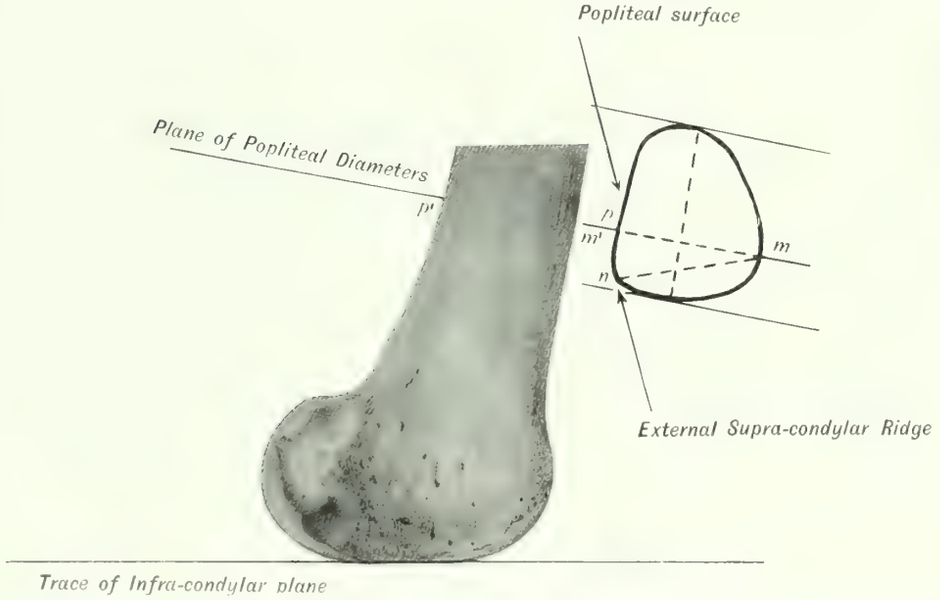



Diagram E. The "length" of external condyle has been taken parallel to infra-condylar plane and is a projection of maximum length. The diagram also illustrates the difficulties attached to the measurement of the 'direct' popliteal antero-posterior diameter.

Torsion of the Femur. Right Femora. When the Plate is held vertically the bones are in the standard vertical plane, although not adjusted to the same standard (infra-condylar) horizontal plane. Starting on the left with large positive torsion, we find the great trochanter is in contact with the standard vertical plane; we then pass through a case of moderate positive to one of slight negative torsion and conclude with a case of large negative torsion in which the head of the femur provides the third point of contact with the standard vertical plane. Note the disappearance of the small trochanter from the anterior aspect as the torsion becomes negative.

Torsion of the Femur. Left Femora. When the plate is held vertically the bones are in the standard vertical plane, although not adjusted to the same standard (infra-condylar) horizontal plane. Starting on the right we have two cases of large positive torsion, the head being raised from the standard plane as shewn by foreshortening of the neck. On the left we have two cases of considerable negative torsion; the great trochanter is now raised above the standard plane (note the increase of its shadow) and the small trochanter disappears from the anterior aspect.

W. 162 W. 358

Platymeric (W. 162) and Normal Bone (W. 358). Anterior aspects; the platymeric indices are 71·8 and 86·8 respectively: see Plate VII.

W. 358 W. 162

Platymeric (W. 162) and Normal Bone (W. 358). Lateral aspects: the platymeric indices are 71·8 and 86·8 respectively: see Plate VI.

W. 303 W. 209 W. 309

Poirier's Facet. Type α, the prolongation of articular surface onto front of neck. Area of prolongation indicated with chalk.

W. 692 W. 694 W. 662

Poirier's Facet. Showing various phases of the facet of type $\beta$. W. 694 is an 'excavation' facet reaching to the cancellous tissue.

L. N. 1437 R. N. 615 N. 308

N. 1437 R. and L.: Relatively long and slender necks, with smaller angle of neck and shaft. Poirier's Facet of $\gamma$ type. Small exostosis on mesial side of shaft N. 1437 L.
N. 615: Wide angle of neck and shaft—relatively short neck. Poirier's facet, $\beta$ type.
N. 308: Wide angle of neck and shaft—relatively short neck.

W. 538 W. 439 W. 634

Poirier's Facet. Facets showing marked excavation (Type $\beta$), perhaps ill-described as 'erosion,' for they rather suggest fibrous ingrowths round which bone has developed.

W. 63 W. 177

Poirier's Facet. W. 63 has facet of type $\gamma$, ordinary impress. W. 177 has a facet of type $\beta$ or 'excavation' type. A lens should be used. The facet is chalk-marked.

Pathological Cases from the 17th Century. Anterior aspects of achondroplasic (W. 83) and rachitic (?) femur (W. 223): see Plate XIV.

W. 83

W. 223

Pathological Cases from the 17th Century. Mesial aspects of achondroplasic (W. 83) and rachitic (?) femur (W. 223), the latter to shew anterior bowing: see Plate XIII.

W. 160 W. 627 W. 396

Pathological Cases from the 17th Century. For Descriptions: see Plate XVI.

W. 627 W. 396 W. 160

Pathological Cases from 17th Century. Compare Plate XV. W. 627: ? Impacted fracture of head showing eburnation. W. 396: Very severe arthritis affecting upper articular surface, with eburnation, lipping and general deformity of the head. W. 160: Very severe arthritic affection of head; articular surface irregular and eroded with heavily lipped margin.

W. 228 W. 169 W. 689

Pathological Cases from 17th Century. W. 228: Severe arthritic affection of upper articular surface, whole head eburnated and margin heavily lipped. W. 169: Marked eburnation of patellar surface of external condyle (? caused by injury to patella). W. 689: Severe syphilitic periostitis of popliteal surface.

W. 259 W. 283 W. 525

Pathological Cases from the 17th Century. Femora showing severe syphilitic periostitis. A lens will be of assistance.

W. 368 W. 21 W. 525

Pathological Cases from 17th Century. Three cases showing severe syphilitic periostitis of distal end of shaft.

W. 234 W. 689 W. 311

Pathological Cases from 17th Century. Three cases of severe syphilitic periostitis affecting whole surface of shaft. Compare Plates XVIII and XIX. A lens will be of assistance.

Fig. (I)

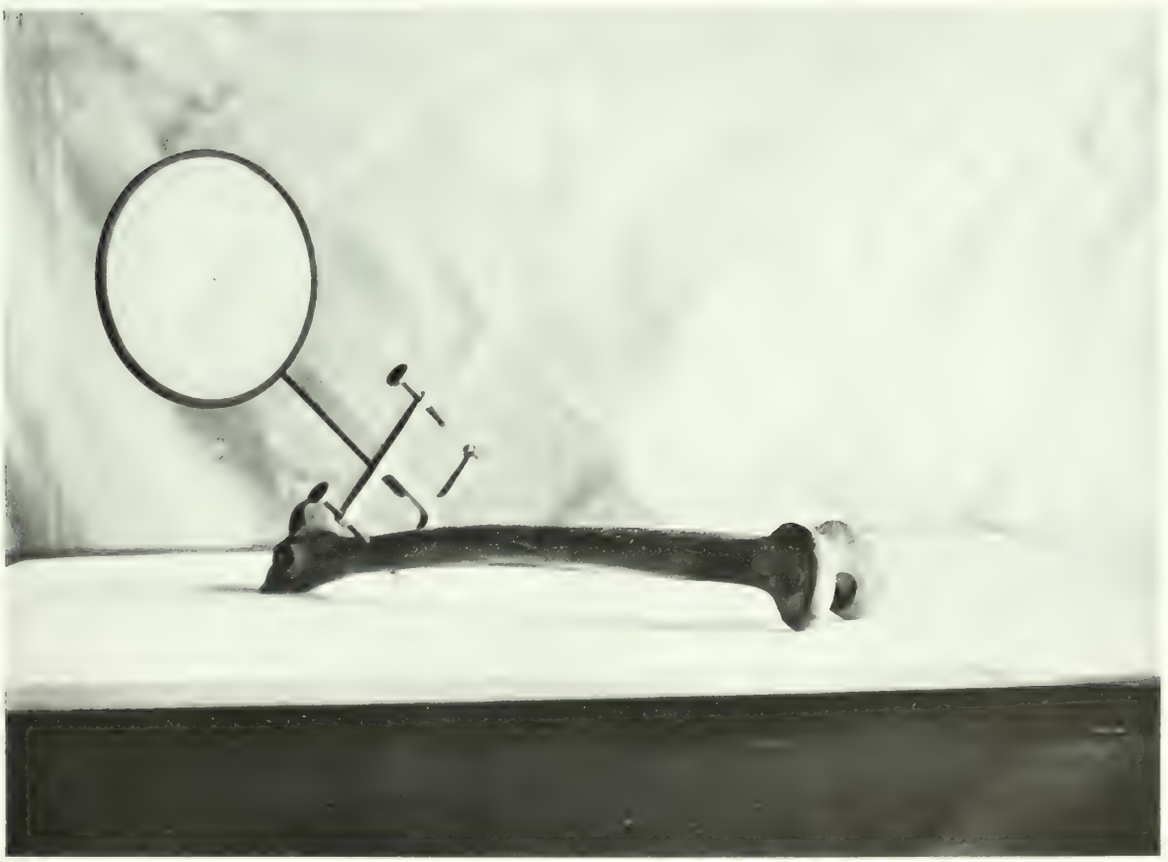


Fig. (II)

Shaft-Torsiometer. Fig. (I) shows the instrument when the line of sight is perpendicular to the standard horizontal plane. Fig. (II) indicates more clearly how the screw points are fixed at the terminals of the platymeric antero-posterior diameter.

N. 1462 N. 1633

N. 1462: SHOWING TUBERCLE AT ORIGIN OF MESIAL HEAD OF *GASTROCNEMIUS*, ALSO WELL MARKED PROLONGATION OF THE ARTICULAR SURFACE OF THE INTERNAL CONDYLE (CHARLES' FACET) RUNNING UP TO CONSPICUOUS *BURSA* BELOW TUBERCLE.

N. 1633: SHOWING TUBERCLES AT ORIGINS OF MESIAL AND LATERAL HEADS OF *GASTROCNEMIUS*.

Y. 928 B. 48

Y. 928: Marked tubercles at origins of mesial and lateral heads of *gastrocnemius*.

B. 48: Process (Wilbrand's) on *linea aspera* at the position of the inferior nutrient foramen. Small tubercles at origins of mesial and lateral heads of *gastrocnemius*.

Y. 863 N. 353 Y. 865 L. 216

Wilbrand's Process (interpreted by some as an exostosis) near apex of popliteal surface in human femora. It has been compared with the third trochanter in *Dasyprocta* (American Agouti) which is half-way down the shaft on lateral face: see central bone. In the human femur it may occur on the lateral or mesial lip of the *linea aspera*, or just at the apex.

N. 353 Y. 863 Y. 865 L. S. 216 B. 48

So-called Wilbrand's Process in one London (L. S. 216) and four Egyptian femora. On the extreme left for comparison the so-called third trochanter in *Dasyprocta* (the American Agouti) is exhibited. This has been associated with Wilbrand's Process.

Fig. (I)

Fig. (II)

Mesial and Posterior aspects of London Femur (W. Special) showing Gruber's Internal Supracondyloid Process. He found the lateral part of the superior portion of the internal head of gastrocnemius inserted on this process and it was surmounted by a bursa.

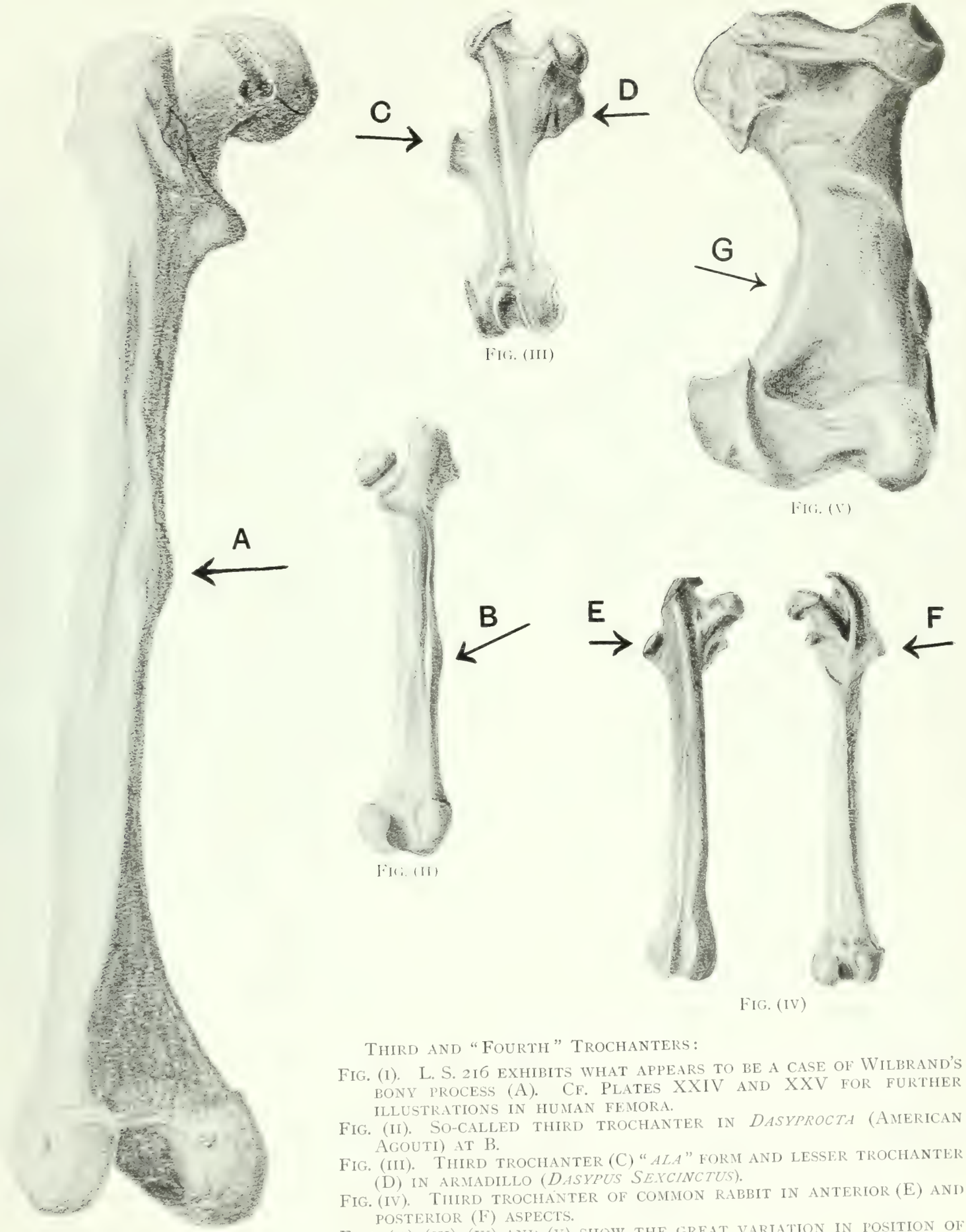



Fig. (I)

Fig. (II)

Fig. (III)

Fig. (IV)

Fig. (V)

Third and "Fourth" Trochanters:

Fig. (I). L. S. 216 exhibits what appears to be a case of Wilbrand's bony process (A). Cf. Plates XXIV and XXV for further illustrations in human femora.

Fig. (II). So-called third trochanter in *Dasyprocta* (American Agouti) at B.

Fig. (III). Third trochanter (C) "*ala*" form and lesser trochanter (D) in armadillo (*Dasypus Sexcinctus*).

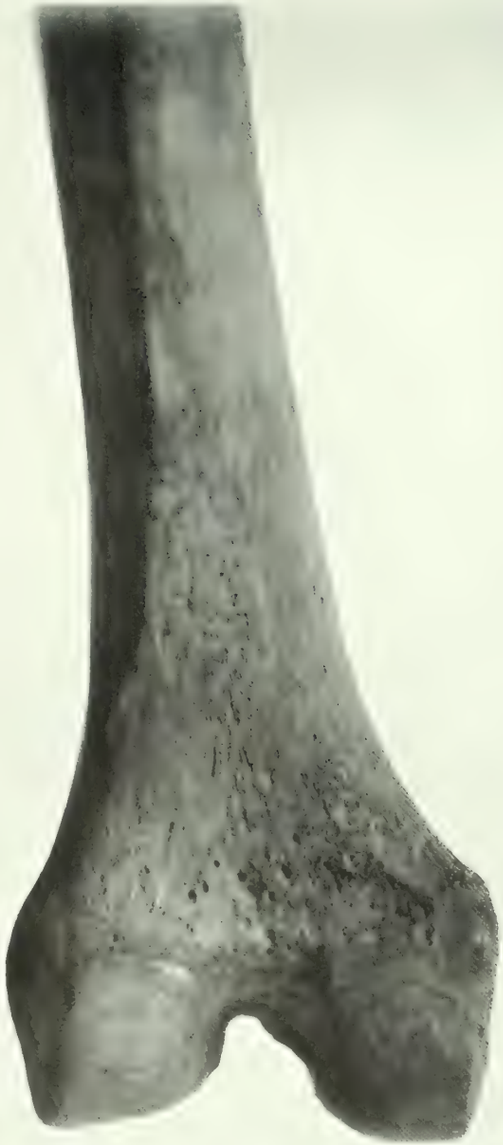
Fig. (IV). Third trochanter of common rabbit in anterior (E) and posterior (F) aspects.

Figs. (II), (III), (IV) and (V) show the great variation in position of third trochanter.

Fig. (V). Posterior view of left femur of *Hesperornis regalis* after Marsh, showing "fourth" trochanter (G) immediately opposite low third trochanter.

W. 610 T. y W. 571 W. 112 W. 296

Illustrations of Trochanter Tertius in Man. W. 610 and W. 296 give examples of the 'button' or 'nipple' form. T. y, W. 571 and W. 112 illustrate the 'crest' or 'ridge' form.



T. 2

SHOWING PROLONGATION OF ARTICULAR SURFACE OF INTERNAL CONDYLE RIGHT UP TO BURSA TO FORM CHARLES' FACET.

W. 530 W. 699 W. 627 W. 607

W. 530, ABNORMAL TROCHANTER MINOR, VERY LARGE AND FLATTENED ROUND TO NECK. W. 699, FEMUR OF CHILD SHOWING MARKED THIRD TROCHANTER. W. 627, VERY NON-MUSCULAR, WITH ARTHRITIC AND EBURNATED HEAD, NON-ADULT, SHOWING THIRD TROCHANTER OF CREST FORM SURMOUNTING HYPOTROCHANTERIC FOSSA. W. 607, MARKED SUBTROCHANTERIC LATERAL PROTRUSION.

N. 874 N. 1415 N. 1676 B. 110

N. 874: Swelling of *linea aspera*, extending into lateral supra-condylar ridge and producing distortion of the popliteal surface. There is complete absence of mesial supra-condylar ridge. The bone gives the appearance of a pilaster prolonged down lateral supra-condylar ridge.
N. 1415: Abnormally small angle of neck and shaft.
N. 1676: showing tubercle at origin of mesial head of gastrocnemius, also prolongation of articular surface of internal condyle (presumably Charles' Facet).
B. 110: Charles' Facet.

L. S. 46 L. S. 43 W. 85

Curvature of Popliteal Area. W. 85 is the usual concave form; L. S. 46 is convex from the 3 to the 5 cms.; L. S. 43 convex at the usual 4 cm. popliteal section.

W. 104 W. 285 W. 121 W. 85

Types of Popliteal Region, showing change from 'tubular' to 'pyramidal' form as measured by lower index of gracility, and the popliteal-bicondylar or soffit index. Compare diagram in text of the Neandertal and *Pithecanthropus erectus* popliteal contours (p. 10).

W. 132 W. 223 W. 132 W. 223

To illustrate stenomery, or 'Transverse platymery' in Manouvrier's sense. Femora with marked bowing and pilastric development. Rachitic?

B. 111 (R.) B. 111 (L.) N. 748

The mesial aspects of the pair B. 111 show marked bowing accompanied by development of the pilaster. N. 748 shows external fossette of anterior face in subtrochanteric region accompanied by lateral protrusion.

B. 111 (R) B. 111 (L) N. 748

To be taken in association with Plate XXXIV. B. 111 (R) and (L) indicate how the high pilastic index arises, and how such bones have stenomery—the transverse platymery of Manouvrier. N. 748 shows the relation of lateral protrusion to the gluteal ridge, there being in this case a fossa hypotrochanterica surmounted by ridge form of third trochanter.

W. 167 W. 273 T. x W. 37

Illustrations of the Fossa Hypotrochanterica. W. 167 (see Plate XXXIX) is a case of the fossa combined with lateral protrusion. W. 37 is the bone of a child with marked fossa.

W. 190 W. 244 L. S. 123 W. 580

Illustrations of Types of Crural Trough. W. 190, marked crural trough; W. 244, well-marked trough extending to at least one third of shaft; W. 580, small crural depression; L. 123, a greater crural depression than in W. 580.

L. S. 93 W. 109 W. 85 L. S. 216

L. S. 93 and W. 109 are illustrations of lateral protrusion in subtrochanteric region accompanied by marked platymery, to be compared with normal W. 85. L. S. 216 is a case of Wilbrand's process to show the existence at the same time of a real if small third trochanter: see Plates XXIV and XXV.

L. S. 273 W. 167 W. 296 W. 93

Lateral Protrusion in subtrochanteric region. W. 167 is the slightest case, but it is of interest as extending rather low down the shaft.

N. 530 N. 411 N. 748 C. I

N. 530: External Fossette of anterior Face associated with supero-external protrusion of the anterior face.
N. 411: Well marked External Fossette of anterior Face (immediately under number).
N. 748: Well marked External Fossette of anterior Face.
C. I: English Femur, by the courtesy of Professor A. Macalister, showing marked third trochanter.

Fig. (I) A

Fig. (I) B

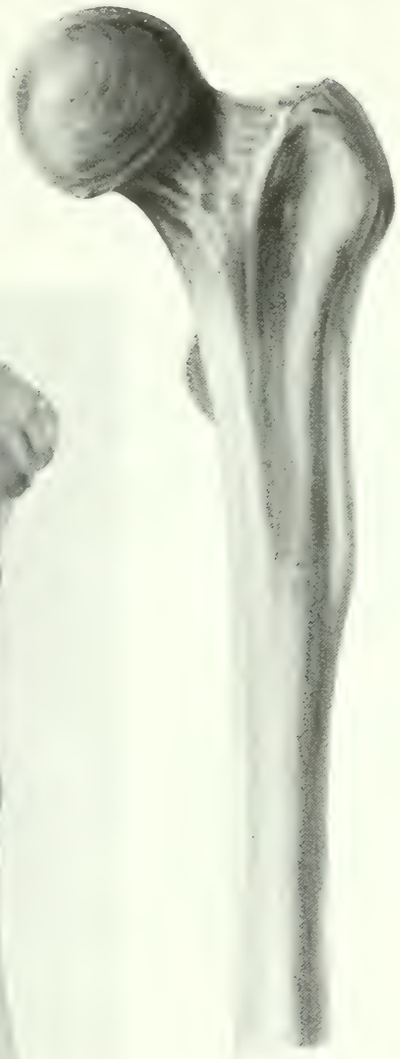


Fig. (II)

Fig. (III)

Figs. (I) A and (I) B. Wild goose femur (species unidentified) showing well-marked "fourth trochanter" above the nutrient foramen.

Fig. (II). Ancient Patagonian Femur after Rodriguez showing combined crural trough, external fossette of the anterior face and subtrochanteric protrusion of the lateral border.

Fig. (III). Fracture of shaft with two portions crudely reunited. Egyptian femur lent by Dr Derry.

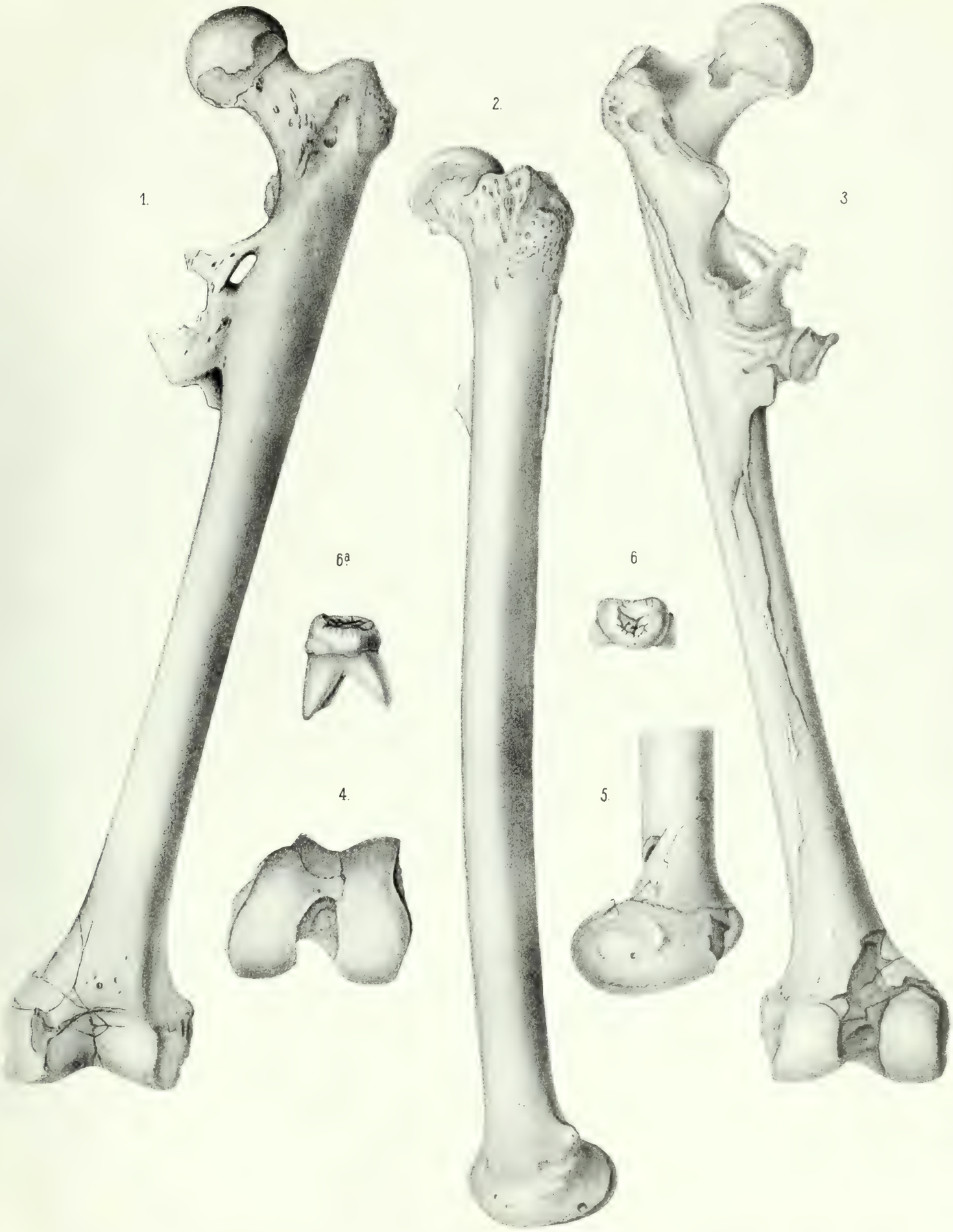
(I) Posterior aspect. (II) Anterior aspect. (III) Lateral aspect.

Comparative Features of the Femur in Gorilla (left) and man (right). Note the robusticity, the absence of pilaster and popliteal apex, the depression of the head below the greater trochanter and the Fossa angulolateralis (Klaatsch), the helical trough of (II) and (III) in the case of the gorilla.

Femora of Orang (on L.) and Chimpanzee (on R.) in Anterior and Posterior aspects. Orientated to both standard vertical and horizontal planes. Note the depression of head below great trochanter and negative obliquity of Chimpanzee.

Femora of Orang (on L.) and Chimpanzee (on R.) in Mesial and Lateral Aspects. Note the relatively small bowing in the Orang and the ridge between the Fossa Angulolateralis and the apparent Fossa Hypotrochanterica in the Chimpanzee.

The Femur of a Gibbon (*Hylobates variegatus* from Deval, Bengal) in Anterior and Posterior aspects. Orientated to both standard vertical and horizontal planes. Note the lateral protrusion in the subtrochanteric region.




The Trinil Femur, reproduced by permission from the drawings of Professor Eugene Dubois. See Plate II of his *Pithecanthropus erectus*, Batavia, 1894. Scale ½ linear.

*ANTERIOR ASPECT* *MESIAL ASPECT* *POSTERIOR ASPECT*

Homo Mousteriensis (Hauseri) from a cast in the Anatomical Museum, University College, London, of the Femur as reconstructed by Klaatsch.

The Spy Femur (Fig. 3 about half size) after the photograph in the original memoir by Fraipont and Lohest (*Archives de Biologie*, Tom. VII, pp. 587—757, 1887). Fig. 1 is the femur and tibia of the Canstadt skeleton for contrasting with Fig. 2 modern bones.

A B C

Anterior aspect of Spy No. 1 Femur (B), compared with a modern human femur (A) and that of a gorilla (C). Note the lateral protrusion of the anterior face in (B). (B) from cast in Oxford Museum.

A B C

Posterior aspect of Spy No. 1 Femur (B), compared with a modern human femur (A) and that of a gorilla (C). Note the relative absence of pilaster in (B).

A B C D

Posterior aspect of Neanderthal femur (C), compared with Spy (B), a modern human femur (D) and that of a gorilla (A). Note the lateral protrusion of both (B) and (C) and the relative absence of pilaster. (C) from cast in Oxford Museum.

A B C D

Anterior aspect of Neanderthal femur (C) compared with those of the Spy No. 1 femur (B), of a modern human femur (D) and that of a gorilla (A). Note the lateral protrusion of the anterior face in the case of (A), (B) and (C).

A B C D

Mesial aspect of Spy No. 1 (B) and Neanderthal (C) femora compared with modern human femur (A) and that of a gorilla (D). Note the relatively large amount of bowing in the fossil bones and their extremely massive heads and condyles.

A B C

Mesial aspect of Spy No. 1 (B) compared with modern human femur (A) and that of a gorilla (C). Note the bowing of the Spy femur.

A B C D E

Mesial aspect of Tilbury (B) and Cromagnon (D) femora compared with paired modern human femora (A) and (C) and that of a gorilla (E). Note the bowing of the fossil femora and the exaggerated pilasters, also the carrucate form of D. (B) and (D) from casts in Oxford Museum.

A B C D

Anterior aspect of Tilbury (B) and Cromagnon (C) femora, compared with modern human femur (A) and that of a gorilla (D). Note the lateral protrusion of the anterior face in (B) and (C) and compare with (D).

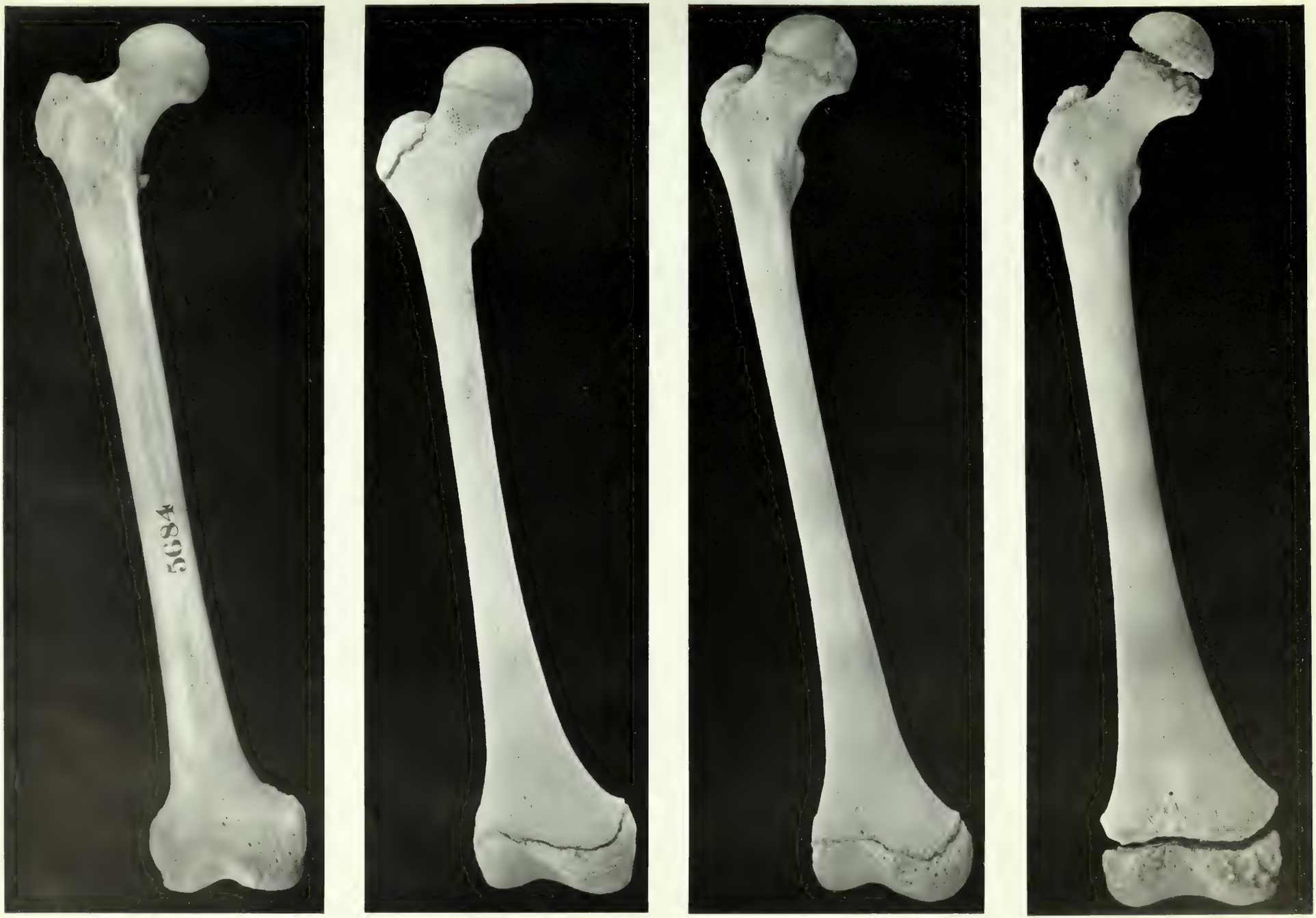
A B C D

Posterior aspect of Tilbury (B) and Cromagnon (C) femora, compared with a modern human femur (A) and that of a gorilla (D). Note the hypotrochanteric fossa and the third trochanter in (B) and the exaggerated rugosities of the pilaster in (C).

A B C D

Growth in Relative Proportions of the Femur. From material in the Royal College of Surgeons' Museum. Specimens photographed to give approximately the same diaphysial length.

A. Fetus 6 to 7 months. B. At birth. C. At 15 months. D. At 2·5 years.




H G F E

Growth in Relative Proportions of the Femur. From material in the Royal College of Surgeons' Museum. Specimens photographed to give approximately the same diaphysial length.

E. At 9 years F. At 12 years. G. At 15 years. H. Adult.

| Index No. | Sex | a Maximum Length | b Trochanteric Length | c Max. Troch. Length | d Oblique Length | e Trans. Obl. Length | $n_3$ Head Diam. | $n_2$ Vert. Diam. Neck | EE Ellipticity of Neck | f Vert. Diam. Head | g Head Diam. | h Head Index | i Platymeric Vert. Diam. | j Platymeric Trans. Diam. | k Platymeric Index | l Platymeric A.-P. Diam. | m Platymeric Trans. Diam. | n Platymeric Index | o Pyriform Breadth | p Pyriform Dist. A.-P. Diam. | q Pyriform Dist. Trans. Diam. | r Pyriform Index | s Bicondylar Width | $\sigma_1$ Max. Length, Ext. Cond. Syst. | $\sigma_2$ Max. Length, Int. Cond. Syst. | $\sigma_1'$ Oblique Length, Ext. Condyle | $\beta_1$ Ext. Cond. Vert. Hand Radius | $\beta_2$ Ext. Cond. Trans. Hand Radius | $A_1$ Diaphysial Sublinear | $A_2$ Diaphysial Obtuse | t Diaphysial Chord | u Capito-Collar Length | v Length of Shaft | $\omega_1$ Capito-Trochlear Length | $\omega_2$ Mid-Trochlear Angle in degrees | w Angle at Centre of Head in degrees | $x_2$ Collar or Cervical Angle in degrees | $x_1$ Torsion of Shaft in degrees | y Torsional Angle in degrees | cc Obliquity of Shaft in degrees | dd Pyramidal Proj. Index | ee Ellipticity of Head | ff Head Bent Ratio | gg Head-Shaft Index | aa Bicondylar Ratio | bb Sodfit Index | hh Epiphysial Ratio | ii Index of Gracility (Upper) | jj Index of Gracility (Lower) | kk Index of Transverse Slenderness | ll Index of Sagittal Slenderness | mm Index of Pyramidal Slenderness | nn Oblique Max. Length Index | oo Oblique Max. Trochr. Index | pp Capital Ratio | qq Primary Bent Ratio | ww Capito-bicondylar Index | tt Robustiety of Femur | uu Robustiety of Head | vv Robustiety of Neck | xx Secondary Bent Ratio | yy Bicondylar Trochanteric Index | $I_g$ Femoral-Shaft Index | B Basal Radial Index | zz Index of Rossing | Condylar Length Index | Remarks (All lengths in millimetres) |
|---|---|---

| | | |

| Index No. | Sex | Maximum Length | Trochanteric Length | Max. Head Length | Oblique Length | Trochl. Ant. Length | Hor. Diam. of Neck | Vert. Diam. of Neck | Ellipticity of Neck | Vert. Diam. of Head | Hor. Diam. of Head | Platymeric A.P. Diam. | Platymeric Trans. Diam. | Platymeric Index | Pilastric A.P. Diam. | Pilastric Trans. Diam. | Pilastric Index | Popliteal Length. | Popliteo-condyle. | Pop. Ver. A.P. Diam. | Pop. Hor. A.P. Diam. | Popliteal Index | Bicondylar Width | Max. Length, Ext. Con-dyle | Max. Length, Int. Con-dyle | Oblique Length, Ext. Condyle | Ext. Cond. Vert. Band Radius | Ext. Cond. Hor. Band Radius | Ext. Cond. Vert. Band Radius | Diaphyseal Subtense | Diaphyseal Chord | Capito-Collar Length | Length of Shaft | Capito-Trochlear Length | Mid Trochlar Angle in degrees | Angle at Centre of Head in degrees | Collar or Cervical Angle in degrees | Torsion of Shaft in degrees | Torsional Angle in degrees | Obliquity of Shaft in degrees | Pyramidal Pop. Index | Ellipticity of Head | Head Bust Ratio | Bust-Shaft Index | Bicondylar Ratio | Sobit Index | Epiphysal Ratio | Index of Gracility (Upper) | Index of Gracility (Lower) | Index of Transverse Slenderness | Index of Sagittal Slenderness | Index of Popliteal Skewness | Oblique Max. Length Index | Oblique Max. Trochl. Index | Capital Ratio | Primary Bust Ratio | Capito-bicondylar Index | Robustivity of Femur | Robustivity of Head | Secondary Bust Ratio | Bicondylar Trochanteric Index | Neck Head Index | Condylar Trochanteric Index | Condylar Index | Popliteal Shaft Index | Band Radial Index | Index of Bowing | Condylar Length-Index | Remarks<br>All lengths in millimetres | |
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| No. | a | b | c | d | e | f | g | h | i | j | k | l | m | n |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 23 | Adams, Henry | Boston | 1838 | 1918 | 80 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
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| 77 | Adams, Henry | Boston | 1838 | 1918 | 80 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 |
| 78 | Adams, Henry | Boston | 1838 | 1918 | 80 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 79 | Adams, Henry | Boston | 1838 | 1918 | 80 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 |
| 80 | Adams, Henry | Boston | 1838 | 1918 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 81 | Adams, Henry | Boston | 1838 | 1918 | 80 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| 82 | Adams, Henry | Boston | 1838 | 1918 | 80 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 | 82 |
| 83 | Adams, Henry | Boston | 1838 | 1918 | 80 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 83 |
| 84 | Adams, Henry | Boston | 1838 | 1918 | 80 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| 85 | Adams, Henry | Boston | 1838 | 1918 | 80 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| 86 | Adams, Henry | Boston | 1838 | 1918 | 80 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| 87 | Adams, Henry | Boston | 1838 | 1918 | 80 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 | 87 |
| 88 | Adams, Henry | Boston | 1838 | 1918 | 80 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| 89 | Adams, Henry | Boston | 1838 | 1918 | 80 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| 90 | Adams, Henry | Boston | 1838 | 1918 | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| 91 | Adams, Henry | Boston | 1838 | 1918 | 80 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| 92 | Adams, Henry | Boston | 1838 | 1918 | 80 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| 93 | Adams, Henry | Boston | 1838 | 1918 | 80 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| 94 | Adams, Henry | Boston | 1838 | 1918 | 80 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |
| 95 | Adams, Henry | Boston | 1838 | 1918 | 80 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| 96 | Adams, Henry | Boston | 1838 | 1918 | 80 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 |
| 97 | Adams, Henry | Boston | 1838 | 1918 | 80 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| 98 | Adams, Henry | Boston | 1838 | 1918 | 80 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| 99 | Adams, Henry | Boston | 1838 | 1918 | 80 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 100 | Adams, Henry | Boston | 1838 | 1918 | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

For definition of the characters see those reference numbers in Chapter I of Text

Remarks
(All lengths in millimetres.)

| | | |

| Index | Sex | Sex | Maxim | Trochlea width | Max. Tr. Length | Obliquity | Troch. C. Length | Hor. Diam. of Neck | Vert. Dia. of Neck | Elliptical Index | Vert. Diam. of Head | Hor. Diam. of Head | Platymer. A.P. Diam. | Platymer. Trans. Diam. | Platymer. Index | Pilaster A.P. Diam. | Pilaster Trans. Diam. | Pilaster Index | Popliteal Width | Pop. Dia. A.P. Diam. | Pop. Obl. A.P. Diam. | Popliteal Index | Bicondylar Width | Max. Length, Ext. Condyle | Max. Length, Int. Condyle | Oblique Length, Ext. Condyle | Ext. Cond. Hor. Band Radius | Ext. Cond. Vert. Band Radius | Diaphysial Subtense | Diaphysial Chord | Capito-Collar Length | Length of Shaft | Capito-Trochlear Length | Mid-Trochlear Angle | Angle at Centre of Head | Collar on vertical Angle in degrees | Torsion of Shaft in degrees | Torsional Angle in degrees | Obliquity of Shaft in degrees | Pyramidal Pop. Index | Ellipticity of Head | Head-Shaft Index | Bust-Shaft Index | Bicondylar Ratio | Soffit Index | Epiphysial Ratio | Index of circularity (Upper) | Index of circularity (Lower) | Index of transverse Sinuousness | Index of Sagittal Sinuousness | Index of Popliteal Sinuousness | Oblique Max. Length Index | Oblique Max. Troch. Index | Capital Retro | Primary Bust Ratio | Capito-bicondylar Index | Robustuosity of Femur | Robustuosity of Head | Secondary Bust Ratio | Bicondylo-Trochanteric Index | Neck-Head Index | Condylo-Trochanteric Index | Condylar Index | Popliteo-Shaft Index | Basal-Radial Index | Index of Bowing | Condylar Platymeric Index | $I_x$ | $B$ | $\frac{xx}{B}$ |
|---|---|---

| | | |

| a | b | c | d | e | f | g | h | i | j | k | l | m | n | o | p | q | r | s | $\sigma_1$ | $\sigma_2$ | $\sigma_1'$ | $\beta_1$ | $\beta_2$ | $A_1$ | $A_2$ | $t$ | $u$ | $v$ | $\omega_1$ | $\omega_2$ | $w$ | $x_2$ | $x_1$ | $y$ | $oo$ | $dd$ | $ee$ | $ff$ | $aa$ | $bb$ | $gg$ | $hh$ | $ii$ | $jj$ | $kk$ | $ll$ | $mm$ | $nn$ | $oo$ | $pp$ | $qq$ | $rr$ | $ss$ | $tt$ | $uu$ | $vv$ | $ww$ | $xx$ | $yy$ | $z_a$ | $zz$ | $xz$ |
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| Museum | Museum number | Sex | Locality | Hor. Diam. of Neck | Vert. Diam. of Neck | Transverse Diam. of Neck | Vert. Date | Hor. Diam. Head | Platymeric sup. Diam. | Platymeric trans. Diam. | Platymeric Index | Platastric Sup. Diam. | Platastric Trans. Diam. | Platastric Index | Popliteal Length | Popliteal Width | Pop. Dir. A-P. Diam. | Pop. Obl. A-P. Diam. | Popliteal Index | Bicondylar Width | Max. Length, Ext. Condyle | Max. Length, Int. Condyle | Oblique Length, Ext. Condyle | Ext. Cond. Vert. Band Radius | Int. Cond. Vert. Band Radius | Diaphysial Subtense | Diaphysial Chord | Capito-Collar Length | Length of Shaft | Capito-Trochlear Length | Mid-Trochlear Angle in degrees | Angle at Centre of Head in degrees | Collar or Cervical Angle in degrees | Torsion of Shaft in degrees | Torsional Angle in degrees | Obliquity of Shaft in degrees | Pyramidal Fem. Index | Ellipticity of Head | Head-Bust Ratio | Bust-Shaft Index | Bicondylar Ratio | Sclhit Index | Epiphysial Ratio | Index of Dorsality (Platy.) | Index of Verticality (Platy.) | Index of Transverse Slenderness | Index of Sagittal Slenderness | Index of Popliteal Skewness | Oblique Max. Length Index | Oblique Max. Trochl. Index | Capital Rate | Primary Base Ratio | Capito-bi-condylar Index | Robustness of Femur | Robustness of Head | Secondary Base Ratio | Bicondylo-Trochanteric Index | Neck-Head Index | Condylar Trochanteric Index | Condylar Index | Popliteal-Shaft Index | Head-Radial Index | Index of Bowing | Condylar Length Index | Remarks (All lengths in millimetres) |
| Mus. | 1 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | 77 | 50·7 | 55·5 | 56·5 | 10·2 | 18·2 | 4·8 | 254·0 | 66·0 | 175·2 | 41·0 | 7 1 | 45·0 | 147·7 | 14·0 | -7 | 11 | 31·6 | 92·4 | 69·7 | 71·0 | 85·7 | 87·5 | 93·9 | 77·9 | 88·6 | 99·3 | 99·9 | 16·6 | 15·2 | 33·7 | 11·6 | 20·5 | 15·3 | 15·2 | 36·2 | 11·1 | — | 6·3 | 1·8 | 1·6 | 102·2 | |
| Mus. | 2 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | 77 | 69·0 | 68·5 | 67·5 | 16·6 | 23·2 | 4·9 | 298·8 | 80·5 | 431·0 | 486·2 | 8·4 | 46·1 | 125·4 | 16·0 | 10·1 | 99·1 | 65·1 | 20·1 | 17·2 | 55·2 | 99·4 | 77·0 | 99·4 | — | 70·1 | 91·4 | 90·1 | 99·4 | 10·5 | 17·1 | 60·9 | 11·7 | 21·0 | 17·2 | 18·0 | 52·2 | 11·1 | — | 7·0 | 1·8 | 1·6 | 100·7 | |
| Mus. | 3 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | 82 | 56·0 | 56·8 | 55·0 | 16·8 | 20·2 | 3·6 | 244·0 | 63·0 | 364·5 | 409·5 | 8·0 | 52·0 | 120·0 | 14·5 | 12 | 8 | 32·9 | 94·0 | 64·9 | 20·4 | 17·6 | 56·7 | 102·4 | 92·8 | — | — | — | 84·9 | 90·9 | — | — | — | — | — | — | — | — | — | — | 100·4 | |
| Mus. | 4 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | 82 | 66·1 | 62·0 | 64·0 | 16·5 | 19·0 | 7·9 | 250·0 | 84·0 | 412·5 | 473·5 | 7·6 | 49·0 | 132·2 | 13·2 | 10·5 | 13·5 | 28·5 | 97·9 | 57·7 | 20·4 | 16·8 | 45·7 | 102·4 | 90·0 | 72·0 | 63·5 | 7·0 | 88·2 | 90·2 | 94·1 | 10·1 | 17·1 | 59·1 | 12·1 | 21·8 | 18·8 | 15·1 | 43·1 | 11·1 | — | 7·0 | 1·8 | 1·6 | 100·6 | |
| Mus. | 5 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | 228·3 | 70·2 | 342·5 | 392·3 | 9·0 | 45·0 | 120·0 | 20·0 | 20 | 11·5 | 25·5 | 98·9 | 57·7 | 22·2 | 19·1 | 39·1 | 97·7 | 76·6 | 80·3 | 72·2 | 7·6 | 92·2 | 99·5 | 99·1 | 10·1 | 17·2 | 58·1 | 12·3 | 20·0 | 15·5 | 15·3 | 42·0 | 11·1 | — | 7·6 | 1·8 | 1·6 | — | |
| Mus. | 6 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | 229·0 | 62·5 | 338·0 | 395·7 | 6·5 | 37·0 | 136·3 | 19·7 | 18·5 | 7·5 | 30·5 | 98·8 | 55·0 | 18·5 | 17·6 | 36·4 | 89·3 | 78·1 | 64·6 | 73·5 | 7·2 | 90·7 | 99·4 | 99·3 | 10·1 | 17·2 | 59·1 | 12·2 | 20·1 | 15·3 | 15·1 | 40·1 | 11·1 | — | 7·2 | 1·8 | 1·6 | — | |
| Mus. | 7 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 8 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | 52·9 | 56·0 | 52·5 | 14·7 | 17·1 | 6·6 | 204·2 | 55·7 | 323·9 | 361·6 | 7·0 | 43·9 | 120·1 | 17·5 | 15 | 13 | 26·4 | 100·0 | 70·0 | 17·2 | 18·1 | 47·8 | 81·9 | 89·6 | 66·2 | 6·6 | 7·1 | 92·6 | 98·9 | 98·6 | 10·1 | 14·8 | 57·1 | 12·0 | 21·0 | 15·0 | 15·2 | 38·1 | 11·1 | — | 7·1 | 1·8 | 1·6 | — | |
| Mus. | 9 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 10 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 11 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 12 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 13 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 14 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 15 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 16 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 17 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 18 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 19 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 20 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 21 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 22 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 23 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 24 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 25 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 26 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 27 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 28 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 29 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 30 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 31 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 32 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 33 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 34 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 35 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 36 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 37 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 38 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 39 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 40 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 41 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mus. | 42 | ♂ | Whitechapel | — | — | — | — | — | — | — | — | — | — | — | 1 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
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Side
Sex

| a | b | c | d | e | $n_b$ | $n_o$ | EE | f | g | h | i | j | k | l | m | n | p | q | r | s | $\sigma_1$ | $\sigma_2$ | $\sigma_2'$ | $\beta_1$ | $\beta_2$ | $A_2$ | $A_3$ | t | u | v | $\omega_1$ | $\omega_2$ | w | $x_2$ | $x_1$ | y | oo | dd | ee | ff | aa | bb | gg | hh | ii | jj | kk | ll | mm | nn | oo | pp | qq | rr | ss | tt | uu | vv | ww | FF | gg | hh | $I_2$ | B | zz |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maximum Length. | Trochanteric Length | Max. Tr. to Dmpl. | Oblique Length. | Troch. only Length. | Hor. Diam. of Neck. | Vert. Diam. of Neck. | Ellipticity of Neck. | Vert. Diam. of Head. | Hor. Diam. of Head. | Pla. centr. A.P. Diam. | Platymer. Trans. Diam. | Platymer. Index. | Pilastric A.P. Diam. | Pilastric Trans. Diam. | Pilastric Index. | Popliteal Length. | Depth at Condyles. | Post. Dist. A.P. Diam. | Pop. Obl. A.P. Diam. | Popliteal Index. | Bicondylar Width. | Max. Length, Ext. Condyle. | Max. Length, Int. Condyle. | Oblique Length, Ext. Condyle. | Ext. Cond. Hor. Band Radius. | Ext. Cond. Vert. Band Radius. | Diaphysal Subtense. | Diaphysal Chord. | Capito-Collar Length. | Length of Shaft. | Capito-Trochlear Length. | Mid-Trochlear Angle in degrees. | Angle at Centre of Head in degrees. | Collar or Cervical Angle in degrees. | Torsion of Shaft in degrees. | Torsional Angle in degrees. | Obliquity of Shaft in degrees. | Pyramidal Pop. Index. | Ellipticity of Head. | Head Bust Ratio. | Bust-Shaft Index. | Bicondylar Ratio. | Sollit Index. | Epiphysal Ratio. | Index of Gracility (Upper). | Index of Gracility (Lower). | Index of Transverse Shoulderness. | Index Sagittal Shoulderness. | Index of Popliteal Skewness. | Oblique Max. Length Index. | Oblique Max. Troch. Index. | Capital Ratio. | Primary Bust Ratio. | Capito-bicondylar Index. | Robustivity of Femur. | Robustivity of Head. | Secondary Bust Ratio. | Secondary Trochanteric Index. | Neck-Head Index. | Condylar Trochanteric Index. | Condylar Index. | Popliteal-Shaft Index. | Bust-Bustal Index. | Index of Platymeria. | Condylar Length Index. |
| mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. | mm. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1

| | | |

# MEASUREMENTS ON LONDON FEMORA. A. (Whitechapel Bones).

| Sex | Nat | | a | b | c | d | e | $b_3$ | $b_4$ | EE | f | g | h | i | j | k | x | m | n | l | q | r | s | $\sigma_1$ | $\sigma_2$ | $\sigma_1'$ | $\beta_1$ | $\beta_2$ | $A_1$ | $A_2$ | t | u | v | $\omega_1$ | $\omega_2$ | w | $x_2$ | $x_1$ | y | ee | dd | ee | ff | aa | bb | gg | hh | ii | jj | kk | ll | mm | nn | oo | pp | qq | rr | ss | FF | zz | vv | qq' | $I_g$ | B | xx | For definition of the Index see the reference earlier in Chapter I of Text |
|---|---|---

| | | |

| Index No. | Sex | Maximum Length | Extreme Length | Max. Trech. Length | Oblique Length | Head-tube Length | Hip Depth of Neck | Vert. Diam. of Neck | Ellipticity of Neck | Vert. Diam. of Head | Hor. Diam. of Head | Perimeter A.P. Diam. | Platymeric Index | Platymeric Index Proto. | Platycnemic Index | Pilastric Index | Pilastric Index Proto. | Diaphysis Length | Pop. Dr. V.P. Diam. | Pop. Obl. A.P. Diam. | Popliteal Index | Bicondylar Width | Max. Length, Ext. Condyle | Max. Length, Int. Condyle | Oblique Length, Ext. Condyle | Ext. Cond. Vert. Band Radius | Ext. Cond. Hor. Band Radius | Diaphysal Subtense | Diaphysal Chord | Capito-Collar Length | Length of Shaft | Capito-Trochlear Length | Mid-Trochlear Angle in degrees | Anglevat Centre of Head in degrees | Collar or Cervical Angle in degrees | Torsion of Shaft in degrees | Torsional Angle in degrees | Obliquity of Shaft in degrees | Pyramidal Pop. Index | Ellipticity of Head | Head-Bust Ratio | Bust Shaft Index | Bicondylar Ratio | Sothi Index | Epiphysal Ratio | Index of Gracility (Upper) | Index of Gracility (Lower) | Index of Transverse Metatrochanteric Slenderness | Index of Popliteal Slenderness | Oblique Max. Length Index | Oblique Max. Trech. Index | Capital Ratio | Primary Bust Ratio | Capito-bicondylar Index | Robustivity of Femur | Robustivity of Head | Secondary Bust Ratio | Bicondylar Trochanteric Index | Neck-Head Index | Condylar Trochanteric Index | Condylar Index | Popliteal Shaft Index | Rand-Pfeilal Index | Index of Bowing | Condylar Lengths Index | Remarks (All Lengths in millimetres) |
|---|---|---

| | | |

For definition of the characters see these reference numbers in Chapter I of Text.

Remarks (All lengths in millimetres.)

| | | |

## ANOMALIES OF LONDON FEMORA.

*d* = damaged bone, *A* = anomaly absent. Non-adult bones are included but not recorded as such in this list. The anomalies here recorded are: the third trochanter, the hypotrochanteric fossa, the crural trough and Poirier's facet. I denotes for the third trochanter and the hypotrochanteric fossa a well-marked case, II that either is distinctly present and III that there is some trace if slight. *C* I, *C* and *C* III denote the same categories for the crural trough. $\alpha$, $\beta$, $\gamma$ in the column appropriated to Poirier's facet mark the classes defined on pp. 91 and 92 of the text. A subscript $r$ attached to $\beta$ signifies that the "excavation" type of facet is accompanied by the "erosion" appearance discussed on our p. 92. In some cases the "erosion" may be unaccompanied by sensible "excavation"; it has still been denoted by $\beta_r$. A subscript $l$ attached to $\alpha$ denotes that the facet was "lipped": see p. 91 of text. I attached to the $\alpha$, $\beta$, $\gamma$ in this column denotes a well-marked case, while III indicates that there is some trace of the corresponding type of facet, if only slight. Combinations of the types can also occur and are indicated by using more than one of the symbols (see our p. 92).

### C. WHITECHAPEL BONES.

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet | No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | R. | ♂ | II | II | *C* III | *d* | 31 | R. | ♀ | *A* | *A* | *C* III | $\beta$ III |
| 2 | R. | ♀ | *A* | *A* | *C* | $\beta$ I | 32 | L. | ♂ | *A* | *A* | *C* III | *d* |
| 3 | R. | ?♀ | *d* | *A* | | *d* | 33 | L. | ♀ | II | *A* | *C* III | *A* |
| 4 | L. | ♀ | III | *A* | *C* | ?*A* | 34 | R. | ♀ | *A* | II | | *d* |
| 5 | R. | ♂ | III | *A* | *C* | $\beta$ | 35 | R. | ?♂ | II | III | *C* | $\gamma$ |
| 6 | R. | ?♂ | II | III | *C* | ?*A* | 36 | L. | ♀ | *A* | *A* | *C* III | ? $\alpha$, $\beta$ |
| 7 | L. | ? | II | III | *C* III | $\beta$ I, *d* | 37 | L. | ♂ | III | I | | *d* |
| 8 | L. | ♀ | I | *A* | *C* III | *d* | 38 | L. | ♀ | *d* | *A* | | ?*A* |
| 9 | L. | ♂ | I | *A* | *C* | $\gamma$ | 39 | R. | ♂ | *A* | *A* | | $\gamma$ |
| 10 | R. | ?♂ | III | ? | *C* | *d* | 40 | L. | ?♂ | *A* | *A* | | $\beta$ |
| 11 | L. | ♀ | *d* | *A* | | $\alpha$, $\beta$ | 41 | L. | ♀ | *A* | III | | *d* |
| 12 | L. | ♂ | *A* | *A* | *C* | $\beta$ | 42 | L. | ?♀ | III | *A* | | *d*, $\beta$ |
| 13 | L. | ♂ | *A* | *A* | | *d* | 43 | L. | ♀ | II | *A* | | $\beta$ I |
| 14 | R. | ♀ | II | III | | $\beta$ I | 44 | L. | ?♂ | *d* | *A* | | *d* |
| 15 | R. | ♂ | *A* | *A* | *C* I | $\alpha$ III, $\beta$ | 45 | L. | ?♀ | III | *A* | *C* | *d* |
| 16 | R. | ?♂ | *A* | *A* | *C* | $\alpha$ | 46 | R. | ?♂ | III | *A* | | $\beta$ III |
| 17 | R. | ♀ | *A* | III | *C* | *d* | 47 | R. | ♂ | III | III | | *A* |
| 18 | L. | ♂ | *A* | *A* | *C* III | $\beta$ III | 48 | R. | ?♀ | III | *A* | *C* | *A* |
| 19 | R. | ♂ | III | III | | $\beta$ III | 49 | R. | ♂ | *A* | *A* | | *d*, $\gamma$ |
| 20 | L. | ♂ | II | *A* | | $\alpha$ I | 50 | R. | ?♂ | *d* | *A* | | *d*, $\beta$ |
| 21 | R. | ♂ | III | *A* | *C* | $\gamma$ | 51 | R. | ♂ | *d* | III | *C* III | $\gamma$ |
| 22 | R. | ♂ | *A* | II | | $\alpha$, $\gamma$ I | 52 | L. | ?♂ | III | III | | *A* |
| 23 | R. | ♂ | I | *A* | *C* III | $\alpha$ I | 53 | R. | ?♂ | *A* | *A* | | $\gamma$ |
| 24 | L. | ♀ | II | *A* | | *d*, $\gamma$ | 54 | L. | ♂ | *A* | *A* | *C* III | *A* |
| 25 | R. | ♂ | *A* | *A* | *C* | $\alpha$ III | 55 | L. | ♀ | *A* | *A* | *C* | $\beta$ |
| 26 | R. | ♀ | *A* | II | *C* | $\beta$ | 56 | L. | ♀ | II | *A* | | $\gamma$ |
| 27 | L. | ♂ | *A* | III | | $\gamma$ | 57 | L. | ♀ | *A* | III | | $\beta_r$ |
| 28 | L. | ?♀ | ? II | *A* | *C* | $\alpha$ III | 58 | R. | ♂ | *A* | III | | *d* |
| 29 | L. | ?♀ | II | *A* | | $\beta$, $\gamma$ | 59 | R. | ♀ | III | II | | $\beta_r$ I |
| 30 | L. | ♂ | *A* | *A* | | $\gamma$ I | 60 | R. | ♀ | III | III | *C* III | ? |

# ANOMALIES OF LONDON FEMORA (WHITECHAPEL)

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet | No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | R. | ♀ | *A* | *A* | *C* III | $\beta_r$ | 131 | L. | ♂ | *A* | III | | $\gamma$ III |
| 62 | R. | ♀ | I | *A* | *C* | *A* | 132 | L. | ?♀ | *A* | *A* | | *d* |
| 63 | L. | ♂ | III | *A* | | $\gamma$ | 133 | R. | ♀ | ? III | ? III | *C* | *d* |
| 64 | L. | ♀ | *d* | *A* | *C* III | $\alpha$ | 134 | R. | ♀ | *A* | *A* | *C* | $\beta$ I, $\gamma$ I |
| 65 | L. | ♀ | III | *A* | | $\beta$ | 135 | R. | ♂ | *A* | III | | *d* |
| 66 | L. | ♀ | *A* | II | | *A* | 136 | L. | ♂ | *A* | *A* | | $\alpha$ |
| 67 | R. | ♀ | III | *A* | *C* | $\beta$ | 137 | L. | ?♂ | II | *A* | *C* III | $\alpha$ I, $\gamma$ I |
| 68 | L. | ♂ | III | *A* | | ? | 138 | R. | ?♂ | I | *A* | | *d* |
| 69 | L. | ♂ | III | *A* | | *A* | 139 | R. | ?♂ | *A* | *A* | | $\gamma$ |
| 70 | L. | ♀ | III | *A* | *C* | $\beta_r$ | 140 | L. | ♀ | II | III | | $\gamma$ |
| 71 | R. | ♀ | II | *A* | | $\gamma$ | 141 | L. | ?♀ | *A* | I | | $\beta$ |
| 72 | R. | ♀ | ? II | *A* | *C* III | $\gamma$ | 142 | R. | ♂ | III | *A* | | $\gamma$ |
| 73 | L. | ♂ | II | *A* | | *d* | 143 | R. | ♂ | II | *A* | | *A* |
| 74 | L. | ♂ | III | III | | *d* | 144 | L. | ♀ | *A* | *A* | *C* III | $\beta_r$ |
| 75 | L. | ♂ | III | *A* | | $\gamma$ I | 145 | R. | ♂ | III | *A* | | $\gamma$ III |
| 76 | L. | ♂ | *A* | *A* | | *d* | 146 | L. | ♀ | *A* | II | | ? |
| 77 | L. | ♂ | *A* | II | | $\gamma$ | 147 | R. | ?♀ | III | *A* | *C* | ? |
| 78 | R. | ?♀ | *A* | II | | *d* | 148 | L. | ♀ | II | *A* | | $\beta$ |
| 79 | R. | ♀ | II | III | *C* III | $\beta$ | 149 | L. | ♀ | II | *A* | | *A* |
| 80 | R. | ♂ | *A* | *A* | | $\alpha$ | 150 | R. | ♀ | *A* | *A* | | *A* |
| 81 | R. | ?♀ | *A* | III | | *d* | 151 | R. | ♀ | I | *A* | *C* | $\beta$ III |
| 82 | R. | ♀ | *A* | III | *C* III | $\beta_r$ | 152 | L. | ♀ | *A* | *A* | *C* | $\gamma$ |
| 83 | L. | ?♂ | III | *A* | | *A* | 153 | R. | ♂ | II | *A* | | *d* |
| 84 | L. | ♂ | II | *A* | *C* III | $\beta$ | 154 | L. | ♂ | III | *A* | *C* III | $\beta$ III |
| 85 | L. | ♂ | III | *A* | | $\beta$ III, $\gamma$ | 155 | R. | ♂ | *A* | III | *C* III | $\beta$ |
| 86 | L. | ♂ | *d* | *A* | | $\beta_r$ | 156 | L. | ?♂ | *d* | *A* | | $\beta$ |
| 87 | R. | ?♂ | *A* | III | | $\beta_r$ | 157 | R. | ♂ | *A* | *A* | *C* III | $\alpha$, $\beta_r$ |
| 88 | R. | ♂ | II | III | | $\beta$ | 158 | L. | ♂ | III | *A* | | $\alpha$ |
| 89 | R. | ♂ | ? III | *A* | *C* | $\gamma$ | 159 | L. | ♂ | III | *A* | | $\alpha$ |
| 90 | L. | ?♂ | III | *A* | | $\beta_r$, $\gamma$ I | 160 | R. | ♀ | II | *A* | *C* | *d* |
| 91 | R. | ♂ | *A* | *A* | *C* | $\gamma$ | 161 | R. | ♂ | *A* | II | *C* III | $\beta$ |
| 92 | R. | ?♂ | *A* | III | *C* III | $\beta$ III | 162 | R. | ♂ | II | *A* | | $\gamma$ III |
| 93 | L. | ♀ | *A* | *A* | | $\beta$ I | 163 | L. | ♂ | *A* | III | *C* | $\beta$ |
| 94 | L. | ♀ | *A* | *A* | *C* III | $\beta$ III | 164 | R. | ?♂ | II | II | | $\beta_r$ |
| 95 | L. | ♀ | III | II | | ? | 165 | R. | ♂ | *A* | *A* | | $\alpha$ III |
| 96 | R. | ♀ | *A* | *A* | *C* | $\gamma$ I | 166 | R. | ?♂ | II | *A* | *C* | $\beta$ |
| 97 | L. | ♂ | III | III | | $\gamma$ | 167 | L. | ♂ | *A* | I | | $\alpha$, $\beta_r$ |
| 98 | R. | ♂ | *A* | *A* | *C* III | *A* | 168 | R. | ♀ | *A* | *A* | *C* | *d* |
| 99 | R. | ♂ | *A* | *A* | *C* III | $\gamma$ | 169 | L. | ♂ | III | *A* | | *A* |
| 100 | R. | ?♀ | *A* | *A* | *C* III | $\beta$ I | 170 | R. | ♂ | III | *A* | | $\gamma$ |
| 101 | L. | ♀ | III | III | *C* | $\beta$ | 171 | R. | ?♀ | II | *A* | | *A* |
| 102 | L. | ?♀ | III | III | | $\gamma$ III | 172 | R. | ♂ | *A* | II | *C* | *d* |
| 103 | L. | ♂ | *d* | III | | *A* | 173 | R. | ♂ | *A* | *A* | | $\gamma$ |
| 104 | L. | ♂ | III | *A* | *C* | $\gamma$ | 174 | R. | ?♂ | II | III | | $\alpha$ |
| 105 | L. | ♂ | *A* | *A* | | $\alpha$ I, $\gamma$ | 175 | L. | ♂ | *d* | II | | $\beta$ |
| 106 | L. | ? | I | I. | | $\beta$ I | 176 | L. | ♂ | *A* | III | | *A* |
| 107 | L. | ♂ | *A* | *A* | *C* III | $\beta$ III | 177 | L. | ♂ | II | *A* | | $\beta$ I |
| 108 | L. | ♀ | II | *A* | | *A* | 178 | L. | ♂ | *d* | I | *C* | $\gamma$ |
| 109 | L. | ♀ | I | *A* | | *A* | 179 | R. | ♂ | *A* | *A* | *C* III | $\beta$ III |
| 110 | L. | ♂ | *A* | *A* | | $\gamma$ III | 180 | R. | ♂ | *d* | ? II | | $\gamma$ |
| 111 | R. | ?♂ | *d* | *A* | *C* III | $\alpha$, $\gamma$ I | 181 | R. | ♂ | *A* | II | | $\beta$ I |
| 112 | L. | ♂ | I | III | | $\gamma$ | 182 | R. | ♂ | *A* | III | | *A* |
| 113 | L. | ♂ | *d* | *A* | | ? *A* | 183 | L. | ♂ | III | II | | $\beta$ |
| 114 | L. | ♂ | *d* | III | *C* | *d* | 184 | L. | ♂ | III | I | | $\alpha$ |
| 115 | L. | ? | I | *A* | | $\gamma$ III | 185 | L. | ?♀ | *A* | III | | *d* |
| 116 | R. | ♂ | II | *A* | *C* | $\beta$ | 186 | L. | ♀ | I | *A* | *C* III | $\beta$ |
| 117 | R. | ♂ | III | *A* | *C* III | *A* | 187 | L. | ♂ | *A* | II | | *A* |
| 118 | L. | ♂ | II | *A* | *C* III | $\alpha$ III, $\beta$ | 188 | R. | ♂ | *A* | II | | *A* |
| 119 | L. | ♂ | III | *A* | | $\beta$ III | 189 | R. | ♀ | III | *A* | | $\beta_r$ |
| 120 | R. | ♂ | III | II | | $\alpha$ | 190 | L. | ?♂ | *A* | *A* | *C* I | *d* |
| 121 | R. | ♂ | *A* | III | *C* III | $\gamma$ III | 191 | L. | ♂ | II | III | *C* III | *d* |
| 122 | R. | ?♂ | *A* | I | *C* I | $\alpha$ I | 192 | L. | ♂ | *A* | *A* | | $\alpha$ |
| 123 | R. | ♀ | III | *A* | | *d* | 193 | L. | ♂ | III | *A* | | $\gamma$ |
| 124 | L. | ♂ | II | *A* | | $\alpha$ I | 194 | R. | ♂ | II | *A* | | $\alpha$ III |
| 125 | R. | ♂ | II | III | | $\alpha$, $\beta$ I | 195 | L. | ♂ | *A* | *A* | | $\gamma$ |
| 126 | R. | ♂ | III | *A* | *C* | $\alpha$ I, $\gamma$ I | 196 | R. | ?♂ | *A* | *A* | *C* III | $\alpha$ III, $\beta$ |
| 127 | L. | ♂ | II | *A* | *C* III | $\alpha$, $\beta$ I, $\gamma$ | 197 | R. | ♂ | *A* | *A* | *C* III | $\gamma$ |
| 128 | L. | ♂ | *A* | *A* | | $\beta$ I | 198 | L. | ♂ | II | *A* | *C* III | $\beta$ III |
| 129 | L. | ♂ | III | *A* | | $\gamma$ III | 199 | R. | ♂ | III | II | *C* III | $\beta$ III |
| 130 | R. | ?♀ | *d* | *A* | | *d* | 200 | R. | ♂ | III | *A* | | *d* |

# ANOMALIES OF LONDON FEMORA (WHITECHAPEL)

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|
| 201 | R. | ♂ | III | *A* | *C* | α III |
| 202 | L. | ♂♂ | III | II | *C* III | *A* |
| 203 | R. | ♂♂♂ | *A* | *A* | | *A* |
| 204 | L. | ♂♂♂♀ | II | *A* | | β |
| 205 | L. | ♂♂♀ | *A* | *A* | | β III |
| 206 | L. | ♂♂♀ | II | *A* | *C* | β |
| 207 | L. | ♂♂♂ | II | III | *C* | β III |
| 208 | R. | ♂♂♂ | *A* | *A* | | α |
| 209 | L. | ♂♂♂ | III | II | *C* | α |
| 210 | R. | ♂♂♂ | *d* | *A* | | β |
| 211 | L. | ♂♂♀ | ? I | III | | *A* |
| 212 | R. | ♂♂♀ | II | *A* | *C* | *A* |
| 213 | L. | ♂♂♀ | I | II | | β |
| 214 | R. | ♂♂♂ | *d* | *A* | | *A* |
| 215 | L. | ♂♂♂ | III | I | | β |
| 216 | L. | ♂♂♂ | *A* | II | | *d* |
| 217 | R. | ? ♂♂ | II | III | | β |
| 218 | L. | ♂♀♀ | III | *A* | | β |
| 219 | L. | ♂♀♀ | II | III | *C* | β |
| 220 | R. | ♂♂♂ | III | II | | β |
| 221 | L. | ♂♂♂ | *A* | *A* | | β III |
| 222 | R. | ♂♂♀ | II | I | | *A* |
| 223 | R. | ♂♂♀ | *A* | *A* | *C* III | γ III |
| 224 | L. | ♂♂♂ | III | III | *C* | α, β |
| 225 | R. | ? ♂♂♂ | III | III | *C* III | β I |
| 226 | R. | ♂♂♂ | III | III | *C* | α |
| 227 | L. | ? ♂♂♂ | *A* | *A* | *C* | β |
| 228 | R. | ♂♂♂ | II | II | *d* | *d* |
| 229 | R. | ♂♂♀ | *A* | *A* | *C* | *A* |
| 230 | L. | ♂♂♂ | III | III | | β |
| 231 | R. | ♂♂♀ | II | III | *C* | α, $\beta_r$ |
| 232 | R. | ♂♂♀ | ? III | *A* | *C* III | *A* |
| 233 | R. | ♂♂♀ | *d* | *A* | *C* | *d* |
| 234 | R. | ♂♂♀ | *A* | III | | β |
| 235 | L. | ♂♂♀ | II | II | | α |
| 236 | R. | ♂♂♀ | III | *A* | *C* | *A* |
| 237 | R. | ♂♂♀ | *A* | II | | γ |
| 238 | R. | ♂♂♀ | III | III | *C* III | γ |
| 239 | L. | ? ♂♂♀ | III | III | *C* | β |
| 240 | L. | ? ? ♀ | III | II | *C* III | β |
| 241 | R. | ♂♂♂ | II | *A* | *C* I | β I |
| 242 | L. | ♂♂♂ | II | II | | β |
| 243 | L. | ♂♂♂ | III | II | | α |
| 244 | R. | ♂♂♀ | II | *A* | *C* I | β III |
| 245 | R. | ♂♂♂ | I | III | *C* | γ III |
| 246 | L. | ? ♂♂♀ | *A* | III | *C* III | β III |
| 247 | R. | ? ♂♀♀ | *d* | *d* | | *d* |
| 248 | R. | ♂♀♀ | III | III | | β |
| 249 | L. | ? ♂♀♀ | *A* | II | | *d* |
| 250 | L. | ♂♀♀ | III | III | | β III |
| 251 | L. | ♂♂♂ | II | *A* | | γ I |
| 252 | L. | ♂♀♀ | II | III | *C* III | *A* |
| 253 | R. | ♂♀♀ | *A* | II | | *d* |
| 254 | L. | ♀♀♀ | *d* | *A* | | γ |
| 255 | R. | ♀♀♀ | *A* | *A* | *C* | α III |
| 256 | R. | ♀♀♀ | I | *A* | *C* III | β |
| 257 | R. | ♂♂♂ | *A* | *A* | | β I |
| 258 | L. | ♂♂♂ | III | *A* | | $\beta_r$ |
| 259 | R. | ♂♂♂ | II | II | *C* III | α |
| 260 | L. | ♂♂♂ | *A* | III | | α, $\beta_r$ I |
| 261 | L. | ♂♂♂ | *A* | *A* | | α I, γ |
| 262 | R. | ♂♂♂ | *A* | II | | γ |
| 263 | R. | ♂♂♀ | III | *A* | *C* | γ |
| 264 | R. | ♂♂♀ | II | *A* | *C* | γ III |
| 265 | L. | ♂♂♂ | III | III | *C* I | γ III |
| 266 | R. | ♂♂♂ | II | II | | *d* |
| 267 | L. | ♂♂♂ | *A* | II | | *d* |
| 268 | L. | ♂♂♂ | III | *A* | | β |
| 269 | L. | ♂♂♂ | II | II | | α I, γ |
| 270 | L. | ♂♂ | *d* | *A* | | α I |
| 271 | R. | ♀♂♂ | *A* | II | | *d* |
| 272 | R. | ♂♂♂ | III | III | *C* III | γ |
| 273 | L. | ♂♂♂ | II | I | | *d* |
| 274 | L. | ♂♂♂ | III | III | *C* | α |
| 275 | R. | ♂♂♀ | III | *A* | | α |
| 276 | L. | ♂♂♀ | III | III | | $\beta_r$ |
| 277 | L. | ♂♂♀ | *A* | III | | γ |
| 278 | L. | ♂♂♀ | *A* | *A* | | β |
| 279 | R. | ♂♂♀ | *A* | III | *C* | $\beta_r$, γ |
| 280 | L. | ♂♂♂ | III | III | | γ |
| 281 | L. | ? ♂♂♂ | III | *A* | *C* III | α III |
| 282 | R. | ♂♂♀ | *A* | I | | α |
| 283 | L. | ♂♂♀ | II | *d* | | γ I |
| 284 | L. | ♂♂♂ | III | *A* | | β |
| 285 | L. | ? ♂♂ | *d* | *A* | *C* III | α |
| 286 | R. | ♂♀♀ | *A* | *A* | | α, $\beta_r$ I |
| 287 | L. | ♂♀♀ | *d* | II | | γ III |
| 288 | R. | ♂♀♀ | III | *A* | *C* III | β |
| 289 | L. | ♂♀♀ | III | *A* | | $\beta_r$ I |
| 290 | L. | ♂♀♀ | I | II | | *A* |
| 291 | R. | ♂♀♀ | *d* | *A* | | γ |
| 292 | R. | ♂♀♀ | III | II | | α, γ |
| 293 | L. | ♂♀♀ | III | *A* | *C* III | α, $\beta_r$ |
| 294 | R. | ♂♀♀ | *A* | *A* | | γ |
| 295 | L. | ♂♀♀ | II | *A* | *C* | β III |
| 296 | L. | ? ♂♀♀ | III | *A* | | α, β |
| 297 | L. | ♂♀♀ | *A* | III | *C* | *d* |
| 298 | L. | ? ♂♀♀ | III | II | | *A* |
| 299 | L. | ♂♂♂ | *A* | *A* | *C* III | β |
| 300 | L. | ♂♂♂ | II | *A* | *C* III | α |
| 301 | L. | ? ♂♂♀ | II | III | | $\beta_r$ |
| 302 | L. | ♂♂♂ | *d* | *A* | | β, γ |
| 303 | L. | ♂♂♂ | *A* | *A* | | α I |
| 304 | L. | ♂♂♂ | *A* | *A* | | β, γ |
| 305 | L. | ♂♂♂ | *d* | *A* | *C* | β |
| 306 | L. | ♂♂♂ | *A* | II | | *A* |
| 307 | R. | ♂♂♂ | *A* | *A* | *C* | *d* |
| 308 | L. | ♂♂♀ | *A* | *A* | | α |
| 309 | R. | ♂♂♀ | *A* | *A* | *C* III | α, β |
| 310 | L. | ♂♂♂ | *d* | III | | β |
| 311 | R. | ♂♂♂ | *A* | II | | α I |
| 312 | L. | ♂♂♂ | III | III | | β |
| 313 | R. | ♂♂♂ | II | *A* | | β |
| 314 | L. | ? ♀♀♀ | *A* | *A* | | β |
| 315 | R. | ♀♀♀ | *A* | *A* | *C* | *A* |
| 316 | L. | ♀♀♀ | II | *A* | | β |
| 317 | L. | ♀♀♀ | III | *A* | | *A* |
| 318 | L. | ♂♂♂ | *A* | *A* | *C* | β |
| 319 | L. | ♂♂♂ | *A* | *A* | | α, β III |
| 320 | R. | ♂♂♂ | III | *A* | | α, β |
| 321 | L. | ♂♂♂ | III | *A* | | $\beta_r$ |
| 322 | R. | ♂♂♂ | III | *A* | | α |
| 323 | L. | ♂♂♂ | III | *A* | | $\beta_r$ I |
| 324 | R. | ♂♂♂ | ? | *A* | | *A* |
| 325 | R. | ♂♂♂ | *A* | *A* | | β I |
| 326 | L. | ♂♂♀ | *A* | *A* | *C* | $\beta_r$ |
| 327 | R. | ♂♂♀ | *A* | *A* | | α, $\beta_r$ III |
| 328 | L. | ♀♀♀ | III | III | *C* III | β III |
| 329 | L. | ♂♂♂ | III | *A* | *C* III | β III |
| 330 | L. | ♂♂♂ | II | *A* | | α, γ I |
| 331 | R. | ? ♀♀ | ? | *A* | | α |
| 332 | L. | ♂♀♀ | *A* | *A* | *C* | *d* |
| 333 | R. | ♂♀♀ | *A* | III | | *d* |
| 334 | R. | ♂♀♀ | *A* | *A* | | *d* |
| 335 | L. | ? ♂♂♂ | *A* | *A* | *C* | γ |
| 336 | R. | ♂♂♂ | *A* | III | | α |
| 337 | R. | ? III | *A* | *A* | *C* | α I, β |
| 338 | L. | ♂♂♂ | III | *A* | *C* III | γ |
| 339 | L. | ♂♂♂ | *A* | *A* | | β III |
| 340 | R. | ♂♂♂ | *A* | III | | α III, $\beta_r$ |

# ANOMALIES OF LONDON FEMORA (WHITECHAPEL)

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet | No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 341 | R. | ?♀ | III | *A* | *C* III | ? | 411 | L. | ?♂♀ | *A* | *A* | | *α*, *β*, *γ* |
| 342 | R. | ♂♂♀ | *A* | III | | *α*, *β*, *γ* | 412 | L. | ?♂♀ | *A* | *A* | | *γ* |
| 343 | R. | ♂♂♀ | *A* | III | *C* | *β* I | 413 | R. | ♂♂♀ | I | *A* | | *d* |
| 344 | L. | ♂♂♀ | II | *A* | *C* III | *β* III | 414 | L. | ♂♂♀ | *A* | *A* | | ? |
| 345 | R. | ♂♂♀ | II | III | | *A* | 415 | L. | ♂♂♀ | *A* | *A* | *C* | *γ* III |
| 346 | L. | ♂♂♂ | I | III | | *α* III, *β* | 416 | R. | ♂♂♀ | *A* | III | | *α*$_l$ I |
| 347 | L. | ?♂♂♂ | *A* | *A* | *C* | *β* I | 417 | R. | ♂♂♂ | III | *A* | | *α*, *γ* III |
| 348 | R. | ♂♂♂ | I | *A* | *C* | *γ* | 418 | L. | ♂♂♂ | III | II | | *α* III, *γ* |
| 349 | R. | ♂♂♀ | *A* | *A* | | *γ* | 419 | L. | ♂♂♀ | *A* | *A* | | *A* |
| 350 | R. | ♂♂♀ | *d* | III | *C* I | *γ* | 420 | R. | ♂♂♀ | II | *A* | | *d* |
| 351 | R. | ♂♂♀ | I | *A* | | *γ* | 421 | R. | ♂♂♀ | III | III | | *β*$_r$, *γ* |
| 352 | R. | ♂♂♀ | *A* | *A* | | *α* III, *β* | 422 | R. | ♂♂♀ | III | *A* | *C* III | *γ* |
| 353 | R. | ?♂♂♀ | *A* | *A* | *C* III | *γ* | 423 | R. | ♂♂♀ | III | *A* | | *A* |
| 354 | L. | ♂♂♀ | II | II | | *γ* III | 424 | R. | ♂♂♀ | III | *A* | | *α* I, *β* I |
| 355 | L. | ♂♂♀ | *A* | *A* | | *α*, *γ* | 425 | L. | ♂♂♂ | *A* | III | | *A* |
| 356 | R. | ♂♂♀ | II | *A* | *C* III | *α*, *γ* III | 426 | L. | ♂♂♂ | *A* | *A* | | *α*$_l$ |
| 357 | L. | ?♂♀ | III | *A* | | *γ* III | 427 | R. | ♂♂♂ | *d* | *A* | *C* | *A* |
| 358 | R. | ♂♂♀ | I | *A* | | *α*$_l$ | 428 | R. | ♂♂♂ | *A* | *A* | | *γ* |
| 359 | R. | ♂♂♀ | III | *A* | | *α* III | 429 | L. | ♂♂♀ | *A* | III | | *β*$_r$ |
| 360 | L. | ♂♂♂ | *A* | III | | *β*$_r$ | 430 | R. | ♂♂♀ | *A* | *A* | | *γ* |
| 361 | L. | ♂♂♂ | III | *A* | | *A* | 431 | R. | ♂♂♀ | *A* | *A* | | *α*, *γ* |
| 362 | R. | ♂♂♀ | II | *A* | | *A* | 432 | L. | ♂♂♀ | II | *A* | | *β*$_r$ |
| 363 | L. | ♂♂♀ | *d* | *A* | | *d* | 433 | L. | ♂♂♀ | II | *A* | | *d* |
| 364 | L. | ♂♂♂ | III | *A* | | *β*$_r$, *γ* | 434 | R. | ?♂♂♂ | *A* | *A* | | *A* |
| 365 | L. | ♂♂♂ | III | III | | *α*, *γ* | 435 | R. | ?♂♂♂ | *d* | *A* | | *α*$_l$ |
| 366 | L. | ♂♂♂ | ? | *A* | | *β* | 436 | L. | ♂♂♀ | III | *A* | | *β*$_r$ I |
| 367 | L. | ♂♂♂ | *A* | *A* | | *α* III | 437 | L. | ♂♂♀ | III | *A* | | *α*, *γ* |
| 368 | R. | ♂♂♀ | *d* | *A* | | *A* | 438 | L. | ♂♂♀ | III | III | *C* | *γ* I |
| 369 | L. | ♂♂♀ | *d* | *A* | | *β*$_r$ I | 439 | L. | ♂♂♀ | *A* | *A* | | *β*$_r$ I |
| 370 | L. | ♂♂♀ | I | *A* | *C* | *β* | 440 | R. | ♂♂♀ | II | *A* | *C* | *A* |
| 371 | R. | ♂♂♂ | *A* | *A* | | *γ* | 441 | R. | ♂♂♂ | *A* | *A* | | *β*$_r$ I |
| 372 | R. | ♂♂♂ | III | II | | *γ* | 442 | R. | ♂♂♂ | *A* | *A* | *C* | *α* I |
| 373 | L. | ♂♂♂ | III | *A* | | *α*, *γ* | 443 | L. | ♂♂♂ | *d* | *A* | *C* III | *β*$_r$ |
| 374 | L. | ♂♂♂ | *A* | *A* | *C* | *α* | 444 | R. | ♂♂♂ | *A* | *A* | | *γ* |
| 375 | L. | ?♂♂♂ | ? III | *A* | | *β*$_r$ | 445 | R. | ♂♂♂ | *A* | *A* | | *γ* |
| 376 | R. | ♂♂♂ | II | *A* | | *γ* | 446 | L. | ♂♂♂ | *A* | *A* | | *α*, *β*$_r$ I |
| 377 | R. | ♂♂♂ | *A* | III | *C* | *d* | 447 | L. | ♂♂♂ | *A* | *A* | | *α* |
| 378 | R. | ♂♂♀ | I | *A* | | *β*$_r$ | 448 | R. | ♂♂♀ | II | *A* | | *A* |
| 379 | R. | ?♂♀ | III | *A* | | *A* | 449 | R. | ♂♂♀ | *A* | *A* | | *β* III |
| 380 | L. | ?♂♀ | II | III | *C* | *β*$_r$ | 450 | R. | ♂♂♀ | *A* | *A* | | *d* |
| 381 | R. | ♂♂♀ | II | III | | *γ* III | 451 | L. | ♂♂♀ | II | *A* | | *β* III |
| 382 | R. | ♂♂♀ | *A* | *A* | | *γ* III | 452 | R. | ?♂♂♂ | *A* | *A* | | *α*, *β* III |
| 383 | L. | ♂♂♀ | *d* | III | | *β* I | 453 | R. | ♂♂♂ | III | *A* | | *β*$_r$ III, *γ* III |
| 384 | L. | ♂♂♂ | III | *A* | | *β*$_r$ I | 454 | L. | ♂♂♂ | III | III | | *α* |
| 385 | R. | ♂♂♀ | *A* | *A* | *C* | *d* | 455 | L. | ♂♂♀ | II | *A* | | *α* III |
| 386 | R. | ?♂♀ | ? II | *A* | *C* III | *A* | 456 | L. | ♂♂♀ | *A* | III | | *A* |
| 387 | L. | ♂♂♀ | III | *A* | *C* | *γ* | 457 | L. | ?♂♀ | *A* | *A* | | *β*$_r$ |
| 388 | R. | ♂♂♀ | III | *A* | *C* | *α* III, *γ* | 458 | L. | ♂♂♂ | III | III | | *α*$_l$ |
| 389 | L. | ♂♂♀ | II | *A* | | *β*$_r$, *γ* III | 459 | R. | ?♂♀ | *A* | *A* | | *β*$_r$ I |
| 390 | L. | ♂♂♂ | *A* | *A* | | *α* III | 460 | R. | ♂♂♀ | *A* | *A* | | *α* |
| 391 | R. | ?♂♀ | *A* | *A* | *C* | *γ* | 461 | L. | ?♂♂♂ | *A* | III | | *β*$_r$ |
| 392 | R. | ♂♂♀ | III | *A* | | *A* | 462 | L. | ♂♂♂ | II | *A* | | *A* |
| 393 | R. | ♂♂♂ | *d* | *A* | | *A* | 463 | L. | ♂♂♂ | *A* | II | | *A* |
| 394 | R. | ♂♂♀ | II | *A* | | *d* | 464 | R. | ?♂♂♀ | *A* | III | *C* | *β*$_r$ |
| 395 | L. | ?♂♂♂ | *A* | *A* | | *γ* | 465 | R. | ♂♂♂ | *A* | *A* | | *α*, *γ* |
| 396 | R. | ?♂♀ | *d* | *A* | | *d* | 466 | L. | ♂♂♂ | II | II | | *A* |
| 397 | L. | ♂♂♂ | *A* | *A* | | *β*$_r$ I | 467 | L. | ♂♂♂ | *A* | III | | *α* |
| 398 | L. | ♂♂♂ | III | III | | *α*, *γ* | 468 | R. | ♂♂♀ | III | III | | *α*, *γ* |
| 399 | R. | ♂♂♂ | *A* | *A* | | *γ* | 469 | R. | ♂♂♀ | *d* | *A* | *C* | *d* |
| 400 | L. | ?♂♂♂ | *A* | *A* | | *A* | 470 | R. | ?♂♂♀ | *A* | *A* | *C* III | *γ* |
| 401 | L. | ♂♂♂ | III | III | | *α* I | 471 | R. | ♂♂♀ | III | *A* | *C* | *β* III |
| 402 | R. | ♂♂♀ | III | *A* | | *β* | 472 | L. | ♂♂♀ | *A* | II | | *d* |
| 403 | L. | ♂♂♂ | *A* | *A* | | *α* | 473 | L. | ♂♂♀ | II | *A* | | *α* III, *γ* III |
| 404 | R. | ♂♂♂ | III | *A* | | *α*, *β*$_r$, *γ* | 474 | L. | ♂♂♀ | I | *A* | *C* III | *d* |
| 405 | L. | ♂♂♀ | II | *A* | | *A* | 475 | R. | ♂♂♂ | *A* | I | *C* III | *α* III, *γ* III |
| 406 | L. | ♂♂♀ | II | *A* | | *α* III, *β*$_r$ III, *γ* | 476 | L. | ♂♂♂ | III | *A* | | *γ* |
| 407 | R. | ♂♂♂ | *A* | III | | *α* I | 477 | R. | ?♂♂♀ | *A* | *A* | *C* | *γ* |
| 408 | R. | ?♂♂♂ | III | III | | *d* | 478 | L. | ?♂♀ | *A* | *A* | | *γ* III |
| 409 | L. | ♂♂♀ | III | III | | *A* | 479 | L. | ♂♂♀ | III | *A* | | *A* |
| 410 | R. | ♂♂ | II | III | *C* | *α*, *γ* | 480 | R. | ♂♂♀ | *A* | *A* | | *β*$_r$ |

# ANOMALIES OF LONDON FEMORA (WHITECHAPEL)

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|
| 481 | R. | ♂♀ | *A* | *A* | *C* | *α* |
| 482 | L. | ♀ | III | *A* | | *A* |
| 483 | L. | ♂♂♂ | *A* | *A* | | *α*, *γ* |
| 484 | L. | ♂♂ | *A* | *A* | *C* III | *α*, *γ* |
| 485 | L. | ♂♂♀ | II | *A* | | *α*, *β* |
| 486 | L. | ♂♀ | I | *A* | | *γ* |
| 487 | L. | ?♂♂♂ | *A* | *A* | | *α*, *γ* |
| 488 | L. | ♂ | *A* | *A* | | *β* |
| 489 | L. | ♂♀♀ | *A* | *A* | | *γ* |
| 490 | L. | ♀ | III | III | | *γ* |
| 491 | R. | ?♀♀ | *A* | *A* | *C* III | ? |
| 492 | L. | ♀ | *d* | III | | *β* |
| 493 | L. | ♂♂ | ? III | III | | *γ* I |
| 494 | L. | ♂♂♂ | III | *A* | | *d* |
| 495 | L. | ♂♂♂ | *A* | *A* | | *α*, *γ* III |
| 496 | R. | ?♀♀ | III | *A* | | *γ* |
| 497 | L. | ♀ | *A* | II | | *d* |
| 498 | L. | ?♂♂ | *A* | *A* | | *β*$_r$ |
| 499 | R. | ?♂♂ | III | *A* | *C* | *γ* |
| 500 | R. | ?♀♀ | *d* | *A* | | *d* |
| 501 | L. | ♂♂ | *A* | *A* | | *α* III, *γ* |
| 502 | L. | ♂♂ | III | III | | *β*$_r$ III |
| 503 | L. | ♂♂♂ | III | III | | *α*, *γ* |
| 504 | L. | ♂♂ | III | *A* | | *α* III |
| 505 | R. | ♂♀♀ | ? III | *A* | | *β*$_r$ |
| 506 | L. | ♀ | *A* | *A* | | *A* |
| 507 | R. | ♂♂ | *A* | *A* | | *d* |
| 508 | R. | ♂♂ | III | *A* | *C* III | *α*, *γ* |
| 509 | R. | ♂♂♂ | III | *A* | | *α* |
| 510 | L. | ♀ | II | *A* | | *β*$_r$ |
| 511 | R. | ♂♂ | *A* | *A* | | *A* |
| 512 | L. | ♀♀ | II | *A* | | ? |
| 513 | L. | ♀♀ | III | II | | *β* III, *γ* |
| 514 | L. | ♀ | II | *A* | | *d* |
| 515 | L. | ♂♀ | *A* | *A* | | *α* |
| 516 | R. | ♀♀ | II | *A* | *C* III | ? |
| 517 | L. | ?♀♀ | III | *A* | *C* III | ? |
| 518 | R. | ♂♀ | III | *A* | | *α* III, *β*$_r$ |
| 519 | L. | ♀♀ | III | III | | *γ* III |
| 520 | L. | ♀♀ | III | III | | *A* |
| 521 | L. | ♀♀ | *A* | *A* | | *d* |
| 522 | L. | ♀♀ | *A* | *A* | | *β*$_r$ III |
| 523 | L. | ?♂♀ | *d* | *A* | | *d* |
| 524 | L. | ♂♀ | III | III | | *γ* I |
| 525 | L. | ♂♀ | *A* | *A* | | *β*$_r$ III |
| 526 | L. | ♀♀ | *A* | *A* | *C* III | *α* I |
| 527 | L. | ♂♂ | II | III | | *α*, *γ* I |
| 528 | L. | ♂♂ | III | III | | *β* III |
| 529 | R. | ♂♀ | III | *A* | *C* | *β* III |
| 530 | R. | ♂♀ | I | *A* | | *α* III |
| 531 | R. | ♂♀ | II | *A* | *C* III | *α* III |
| 532 | R. | ♂♀ | *d* | III | | *α*, *γ* |
| 533 | L. | ♂♀ | *d* | III | | *β*$_r$ I |
| 534 | L. | ♀♀ | II | *A* | | *d* |
| 535 | R. | ♀♀ | III | *A* | | *γ* III |
| 536 | L. | ♂♂ | *d* | *A* | | *α* III, *γ* III |
| 537 | R. | ♂♂ | *A* | *A* | | *α*, *γ* |
| 538 | R. | ♂♂ | *A* | *A* | | *β*$_r$ I |
| 539 | L. | ♂♂ | I | *A* | *C* III | *A* |
| 540 | L. | ♀♀ | *A* | *A* | *C* | *β* III |
| 541 | R. | ♀ | *A* | *A* | | *β* I |
| 542 | R. | ?♂♀ | *A* | *A* | | *β* III |
| 543 | R. | ♀♀ | II | *A* | *C* III | *A* |
| 544 | R. | ♀♀ | II | *A* | | *β* III |
| 545 | R. | ♀♀ | *d* | *A* | | *β*$_r$ |
| 546 | R. | ♀♀ | *A* | *A* | | *β*$_r$ |
| 547 | R. | ?♀ | *A* | III | *C* | *β*$_r$ |
| 548 | R. | ?♀♀ | I | *A* | | *α* |
| 549 | R. | ♀ | III | *A* | *C* III | *γ* |
| 550 | L. | ♀ | *A* | III | | *β*$_r$ |

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|
| 551 | R. | ♀ | III | *A* | | *β*$_r$ |
| 552 | R. | ?♀ | II | *A* | *C* III | *α*, *γ* III |
| 553 | R. | ♂♀ | *A* | III | | *α*$_l$ III |
| 554 | L. | ♂♀ | *A* | *A* | *C* I | *d* |
| 555 | R. | ♂♀ | III | *A* | | *β* III |
| 556 | R. | ♂♀ | III | *A* | | *d* |
| 557 | L. | ?♂♀ | *A* | *A* | | *α*, *β* I |
| 558 | R. | ♂♀ | *A* | III | *C* III | *β* III, *γ* III |
| 559 | L. | ♂♀ | *A* | *A* | | *β*$_r$ |
| 560 | L. | ♂♂♀ | *A* | III | *C* | *β* |
| 561 | L. | ♂♂♂ | II | I | | *β* III |
| 562 | L. | ♂♂ | *A* | *A* | | *γ* |
| 563 | L. | ?♂♂ | II | *A* | | *α*, *β* III |
| 564 | R. | ♂♀ | II | III | | *A* |
| 565 | R. | ♂♀ | *A* | III | | *γ* |
| 566 | L. | ?♂♂ | *A* | *A* | | *α* |
| 567 | L. | ♂♀ | II | *A* | | *γ* |
| 568 | R. | ♂♂ | *A* | *A* | | *γ* |
| 569 | R. | ♂♂ | *A* | III | | *β* |
| 570 | R. | ♂♀ | III | III | | *α* |
| 571 | L. | ♂♂♀ | I | III | | *A* |
| 572 | R. | ?♂♀ | *A* | *A* | | *γ* I |
| 573 | R. | ♂♀ | III | III | *C* III | *β*$_r$, *γ* |
| 574 | L. | ♂♀ | *d* | *A* | | *d* |
| 575 | R. | ?♂♂ | *A* | *A* | *C* III | *α* |
| 576 | R. | ♂♂ | *A* | *A* | *C* I | *γ* |
| 577 | R. | ♂♂ | *A* | III | | *γ* III |
| 578 | L. | ♂♂♂ | *A* | *A* | | *α*$_l$ I, *γ* |
| 579 | R. | ?♂♂♂ | III | *A* | | *β*$_r$ I |
| 580 | L. | ♂♂ | *A* | III | | *β* |
| 581 | R. | ♂♂ | *A* | *A* | | *β* |
| 582 | R. | ♂♀♀ | III | II | | *A* |
| 583 | L. | ♂♀♀ | I | *A* | | *γ* |
| 584 | R. | ♂♀ | *A* | *A* | | *β*$_r$ I |
| 585 | R. | ♂♀ | *A* | II | | *α* |
| 586 | L. | ♂♀♀ | II | *A* | *C* III | *α* III, *β* |
| 587 | L. | ♂♀♀ | *A* | *A* | *C* III | *A* |
| 588 | L. | ♂♂ | I | *A* | | *d* |
| 589 | R. | ?♂♀ | *A* | *A* | | *β* |
| 590 | R. | ♂♀ | *A* | III | | ? |
| 591 | L. | ♂♀ | *d* | III | *C* | *d* |
| 592 | R. | ♂♂ | *A* | *A* | | *γ* |
| 593 | R. | ♂♂ | *A* | *A* | | *γ* I |
| 594 | R. | ♂♂ | *A* | *A* | | *d* |
| 595 | R. | ♂♀ | *A* | *A* | | *β*$_r$ |
| 596 | L. | ♂♀♀ | *A* | *A* | *C* III | *β*$_r$ III |
| 597 | L. | ♂♂ | III | *A* | | *α* I |
| 598 | L. | ♂♂ | *A* | *A* | | *d* |
| 599 | L. | ♂♀♀ | *d* | *A* | | *d* |
| 600 | R. | ♀♀ | *d* | *d* | | *d* |
| 601 | L. | ?♂♀ | *A* | *A* | *C* III | *d* |
| 602 | R. | ♂♀ | III | *A* | *C* III | *γ* |
| 603 | R. | ?♂♂ | ? III | *A* | | *d* |
| 604 | L. | ♂♂ | *A* | *A* | | *α*, *γ* |
| 605 | L. | ?♂♀ | *d* | *A* | | *β* |
| 606 | L. | ?♂♀ | I | *A* | | *β*$_r$ I |
| 607 | R. | ♂♂ | I | *A* | | *A* |
| 608 | R. | ♂♂ | *A* | III | | *d* |
| 609 | L. | ♂♂ | *A* | *A* | | *A* |
| 610 | R. | ?♂♀ | I | *A* | *C* III | *A* |
| 611 | L. | ♂♀ | *A* | *A* | | *γ* III |
| 612 | L. | ♂♀ | *d* | *A* | | *d* |
| 613 | R. | ♂♀ | *A* | *A* | | ? |
| 614 | L. | ♂♀ | *A* | III | | *γ* |
| 616 | R. | ♂♀ | *A* | *A* | | *γ* III |
| 617 | L. | ♂♀ | *A* | *A* | | *γ* III |
| 618 | R. | ♂♀ | *A* | *A* | *C* III | *α*, *γ* |
| 619 | R. | ♂♂ | II | *A* | *C* | *γ* |
| 620 | L. | ♂♂ | ? | III | | *α* III |
| 621 | L. | ♂♀ | II | *A* | | *A* |

# ANOMALIES OF LONDON FEMORA (WHITECHAPEL)

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet | No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 622 | L. | ♂ | *A* | *A* | | $\gamma$ | 662 | R. | ♀ | II | *A* | | $\beta_r$ I |
| 623 | L. | ♂♂ | III | *A* | | $\beta$ | 663 | R. | ♀ | III | *A* | | $\beta_r$ |
| 624 | L. | ♂ | *d* | *A* | | $\alpha$, $\gamma$ | 664 | R. | ♀ | *A* | III | *C* III | *d* |
| 625 | L. | ♂ | *A* | II | | $\gamma$ I | 665 | R. | ♂ | III | *A* | | $\gamma$ |
| 626 | L. | ♂♂ | I | *A* | | $\alpha$ I | 666 | R. | ?♂ | III | III | | $\alpha$ |
| 627 | R. | ?♀ | II | *A* | | *d* | 667 | L. | ♀ | III | II | | $\beta$ III |
| 628 | R. | ?♂ | *A* | *A* | | $\beta_r$ | 668 | R. | ♀ | *A* | *A* | | *A* |
| 629 | L. | ?♂ | *A* | *A* | | *d* | 669 | R. | child | *A* | *A* | | ? |
| 630 | R. | ♀ | *A* | *A* | | *A* | 670 | L. | ♀ | III | *A* | *C* III | $\beta_r$ |
| 631 | R. | ♂♀ | *A* | *A* | | $\alpha$ | 671 | L. | ♀ | *d* | *A* | *C* III | $\beta_r$ |
| 632 | R. | ♂♀ | *A* | *A* | | *d* | 672 | L. | ♂ | *A* | *A* | | $\gamma$ |
| 633 | L. | ♀ | II | *A* | *C* III | $\gamma$ | 673 | L. | ♀♀ | III | *A* | | *A* |
| 634 | L. | ♀♀ | *A* | *A* | | $\beta_r$ I | 674 | L. | ♂ | III | *A* | | $\gamma$ I |
| 635 | R. | ?♂ | *A* | *A* | | $\beta_r$ III | 675 | R. | ?♀ | III | *A* | | $\beta$ |
| 636 | R. | ?♂ | *A* | *A* | | $\alpha$ | 676 | R. | ♀ | *A* | *A* | | $\gamma$ |
| 637 | L. | ?♀ | *d* | *A* | | *d* | 677 | L. | ♂ | *A* | III | | *A* |
| 638 | R. | ♂ | *A* | *A* | | $\gamma$ | 678 | L. | ♂ | *A* | III | | *d* |
| 639 | R. | ♂ | *A* | *A* | | $\gamma$ | 679 | R. | ♂ | *A* | III | | *d* |
| 640 | L. | ♂♀ | ? III | *A* | | $\gamma$ III | 680 | L. | child | *A* | *A* | | ? |
| 641 | R. | ♀ | *A* | II | | $\beta_r$ | 681 | L. | ♀ | *A* | III | | $\beta_r$ I |
| 642 | L. | ♂♀ | III | III | | $\alpha$, $\gamma$ III | 682 | R. | ♂ | *A* | *A* | | *A* |
| 643 | R. | ♂♀ | III | *A* | | $\beta_r$ I | 683 | R. | ♀ | III | *A* | *C* III | $\gamma$ |
| 644 | R. | ♂♀ | III | II | *C* III | $\gamma$ III | 684 | R. | ♂ | III | II | *C* | *d* |
| 645 | L. | ♂♀ | *d* | II | | *d* | 685 | R. | ♂ | *A* | *A* | *C* | $\alpha$, $\gamma$ III |
| 646 | L. | ?♂ | III | III | | $\beta_r$ I | 686 | L. | ♂ | III | *A* | | $\gamma$ |
| 647 | L. | ♂♀ | *d* | *A* | *C* III | $\gamma$ | 687 | L. | ♂ | III | *A* | | $\beta$ |
| 648 | R. | ?♀ | II | *A* | *C* | *d* | 688 | R. | ♀ | *A* | *A* | *C* III | $\gamma$ III |
| 649 | L. | ♂ | II | III | | *d* | 689 | R. | ♀ | *A* | *A* | | $\gamma$ |
| 650 | R. | ?♀ | *A* | *A* | *C* | *d* | 690 | R. | ♀ | *A* | *A* | *C* | $\gamma$ |
| 651 | R. | ?♂ | II | III | | *A* | 691 | L. | ♂ | *A* | *A* | | *d* |
| 652 | L. | ?♂ | *A* | II | | *A* | 692 | L. | ♀ | II | *A* | | $\beta_r$ I |
| 653 | L. | ♂ | III | *A* | *C* III | $\alpha$ I, $\gamma$ | 693 | R. | ?♀ | III | *A* | | $\beta$ III |
| 654 | L. | ?♂ | I | III | *C* III | $\beta_r$ I | 694 | R. | ♀ | *A* | *A* | *C* | $\beta_r$ I |
| 655 | L. | ♂ | *A* | *A* | | $\alpha$ | 695 | R. | ♂ | *d* | *A* | | $\beta$ |
| 656 | L. | ♂ | *d* | *A* | | $\alpha$ | 696 | L. | ♂ | *A* | III | | *d* |
| 657 | L. | ♂ | *A* | *A* | | $\alpha$, $\gamma$ | 697 | L. | ?♂ | *d* | *A* | | $\gamma$ |
| 658 | R. | ♂♀ | *A* | *A* | *C* III | $\beta_r$ | 698 | L. | ?♂ | *A* | *A* | | $\alpha$ III |
| 659 | L. | ♀ | *A* | *A* | *C* III | $\gamma$ III | 699 | L. | child | II | *A* | | ? |
| 660 | R. | ?♀ | II | *A* | *C* | $\beta_r$ | 700 | L. | ♂ | *d* | *d* | | *d* |
| 661 | R. | ♂ | *A* | *A* | | $\alpha$, $\beta_r$ | 701 | R. | ♂ | III | *A* | | $\beta$ III |

## D. LIVERPOOL STREET BONES.

| No | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet | No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L. | ♂ | *A* | III | | α, γ | 66 | R. | ♂ | *A* | *A* | | γ |
| 2 | L. | ♂ | *A* | II | | β | 67 | R. | child | *A* | III | *C* III | ? |
| 3 | L. | ♂ | II | *A* | | γ III | 68 | L. | ♂ | *A* | *A* | *C* | *A* |
| 4 | L. | ♂ | III | II | | β | 69 | L. | child | *A* | III | | ? |
| 5 | L. | ♂ | *d* | II | | α | 70 | R. | ♂ | III | *A* | | *A* |
| 6 | R. | ? ♂ | III | II | | γ | 71 | L. | ♂ | *A* | I | *C* III | α |
| 7 | L. | ♂ | *A* | *A* | | *A* | 72 | R. | ♂ | III | III | | *A* |
| 8 | R. | ♂ | *A* | *A* | *C* III | γ | 73 | R. | ♂ ♀ | III | *A* | | *A* |
| 9 | L. | ♂ | II | *A* | | ? $\beta_r$ | 74 | L. | ♂ ♀ | *A* | *A* | | $\beta_r$ |
| 10 | R. | ♂ | *A* | *A* | | *d* | 75 | R. | ? ♂ | III | II | | *A* |
| 11 | L. | ♂ | III | III | | $\beta_r$ I | 76 | L. | ♂ ♀ | III | III | | $\beta_r$ |
| 12 | R. | child | *A* | *A* | | ? | 77 | R. | ♂ | III | III | | γ |
| 13 | R. | ♂ | III | *A* | *C* III | *A* | 78 | L. | ♂ | III | *A* | | γ I |
| 14 | R. | ♂ | ? III | *A* | | *A* | 79 | R. | ♂ | *A* | *A* | | $\beta_r$ I |
| 15 | R. | ♂ | *d* | III | | γ | 80 | L. | ? ♂ | III | *A* | | γ III |
| 16 | R. | ♂ | II | II | | α, β | 81 | L. | child | *A* | *A* | | ? |
| 17 | L. | ♂ | III | II | *C* III | *A* | 82 | L. | child | ? II | *A* | | ? |
| 18 | L. | ♂ | *d* | II | | *d* | 83 | R. | child | ? II | *A* | | ? |
| 19 | L. | ♂ | III | III | | $\beta_r$ | 84 | L. | child | *A* | *A* | | ? |
| 20 | R. | ♂ | *A* | III | *C* | β III | 85 | R. | child | *A* | *A* | | ? |
| 21 | R. | ♂ | *A* | II | | $\beta_r$ III | 86 | L. | child | *A* | III | | ? |
| 22 | L. | ♂ | *A* | *A* | | γ | 87 | L. | child | *A* | *A* | | ? |
| 23 | L. | ♂ | III | *A* | *C* | γ | 88 | R. | child | *A* | *A* | | ? |
| 24 | R. | ♂ | *A* | II | *C* | γ | 89 | L. | ♀ | *A* | *A* | | *d* |
| 25 | R. | ♂ | III | III | *C* III | α | 90 | L. | ? ♀ | III | II | | α |
| 26 | R. | ♂ | II | *A* | *C* III | α, β III, γ | 91 | L. | ♂ | *A* | III | | α III |
| 27 | L. | ♂ | *A* | *A* | | γ III | 92 | L. | ♂ | *A* | *A* | | β |
| 28 | R. | ♂ | II | II | *C* | *d* | 93 | L. | ♂ ♀ | I | *A* | *C* | β III |
| 29 | R. | ? ♀ | *A* | *A* | | β | 94 | L. | ♂ | III | *A* | | *d* |
| 30 | R. | ♀ | *A* | *A* | | *A* | 95 | R. | ♂ | *A* | *A* | | $\beta_r$ I |
| 31 | R. | ♀ | *A* | *A* | | $\beta_r$ | 96 | L. | ♂ ♀ | *A* | *A* | | $\beta_r$ |
| 32 | L. | ♂ | III | III | | β I | 97 | R. | ? ♀ | *A* | ? | | *A* |
| 33 | R. | ♂ | III | *A* | | γ | 98 | R. | ? ♀ | *A* | *A* | | α III |
| 34 | L. | ? ♂ | II | *A* | | γ | 99 | R. | ♂ | *A* | *A* | | $\beta_r$ I, γ |
| 35 | L. | ♂ | *A* | III | | *d* | 100 | R. | ? ♀ | *A* | *A* | | ? |
| 36 | R. | ♂ | III | II | *C* III | *d* | 101 | L. | ♂ | II | *A* | | $\beta_r$ I |
| 37 | L. | ♂ | *A* | III | | $\alpha_l$ | 104 | L. | ♂ ♀ | II | *A* | | β |
| 38 | L. | ♂ | III | *A* | | $\beta_r$ III | 106 | R. | ♂ | *A* | *A* | | $\beta_r$ I |
| 39 | R. | ♂ | *A* | *A* | *C* III | $\beta_r$ | 107 | R | ♂ ♀ | *A* | *A* | | α III |
| 40 | R. | ♂ | *A* | *A* | | α, β III | 108 | L. | ♂ ♀ | I | *A* | *C* | *A* |
| 41 | L. | ♂ | *A* | *A* | | α, γ | 113 | L. | ♂ ♀ | III | II | | α III |
| 42 | L. | ♂ | II | *A* | | β III, γ I | 114 | R. | ♂ ♀ | *A* | II | | $\beta_r$ I |
| 43 | R. | ♂ | *A* | *A* | | α, γ | 115 | L. | ♀ | III | II | *C* | *d* |
| 44 | L. | ♂ | II | *A* | | β III | 117 | R. | ♂ | II | III | | γ |
| 45 | L. | ♂ | II | *A* | | γ | 118 | L. | ♂ | *A* | II | | ? $\beta_r$ III |
| 46 | L. | ♂ | III | III | | $\alpha_l$ | 119 | L. | ♂ ♀ | *A* | *A* | | $\beta_r$ I |
| 47 | R. | ♂ | III | *A* | *C* III | γ | 120 | L. | ♂ | *A* | II | *C* | *d* |
| 48 | L. | ? ♂ | III | II | | β | 121 | R. | ♂ | *A* | *A* | *C* III | α |
| 49 | L. | ♀ | I | III | *C* | $\beta_r$ | 122 | R. | ♂ ♀ | *A* | III | *C* III | $\beta_r$ III |
| 50 | R. | ♀ | I | *A* | | α III, $\beta_r$ I | 123 | R. | ♀ | *d* | *A* | *C* I | α |
| 51 | L. | ♀ | *A* | *A* | *C* III | $\beta_r$ | 124 | L. | ♀ | I | III | | α III |
| 52 | R. | ♀ | *A* | *A* | *C* III | *d* | 125 | R. | ♀ | III | *A* | | α III |
| 53 | L. | ♂ | *A* | *A* | | γ | 130 | R. | ♂ | *A* | I | | α III |
| 54 | R. | ? ♂ | *A* | *A* | | *d* | 131 | R. | ♂ | *A* | *A* | | *A* |
| 55 | R. | ♂ | III | *A* | | α III, γ | 132 | L. | ♂ | *A* | III | | *d* |
| 56 | R. | ♂ | *A* | *A* | | γ | 133 | R. | ♀ | III | *A* | *C* III | γ |
| 57 | R. | ♂ | *A* | *A* | *C* III | β | 134 | R. | ♂ | III | II | | α, γ |
| 58 | L. | ♂ | *A* | II | | α, β III | 135 | L. | ♂ | III | *A* | | α, γ |
| 59 | R. | ♂ | II | *A* | | *A* | 135*a* | L. | ♂ | *A* | III | *C* III | α |
| 60 | R. | child | *A* | *A* | | ? | 136*a* | R. | ? ♀ | ? | ? | | *A* |
| 61 | R. | ♀ | *A* | *A* | | *A* | 137 | L. | ♂ ♀ | *A* | *A* | | *A* |
| 62 | R. | ♀ | II | *A* | | *A* | 137*a* | R. | ♀ | III | *A* | *C* III | *A* |
| 63 | R. | child | I | *A* | *C* III | ? | 138 | L. | ♂ ♀ | III | *A* | | *d* |
| 64 | R. | child | *A* | *A* | | ? | 138*a* | L. | ♂ ♀ | II | III | *C* III | *A* |
| 65 | L. | ♀ | *A* | *A* | | $\beta_r$ | 139 | L. | ? ♂ | II | *A* | | α, γ |

# ANOMALIES OF LONDON FEMORA (LIVERPOOL STREET)

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|
| 139*a* | R. | ♀ | III | *A* | | $\gamma$ |
| 140 | R. | ?♀ | *A* | *A* | | $\beta_r$ |
| 140*a* | L. | ?♂ | *A* | III | | *A* |
| 141 | R. | ♂ | *A* | III | | $\alpha_l$ |
| 141*a* | R. | ?♀ | *A* | *A* | | $\gamma$ I |
| 142 | L. | ♂ | III | III | | $\gamma$ I |
| 143 | R. | ♂ | *A* | I | | $\gamma$ |
| 143*a* | L. | ♂ | *A* | II | | $\beta$ |
| 144 | R. | ?♂ | *A* | *A* | | $\alpha$, $\gamma$ |
| 144*a* | L. | ♀ | III | *A* | *C* III | $\gamma$ III |
| 145 | L. | ?♂ | *A* | III | | $\beta_r$ I |
| 145*a* | R. | ?♀ | *A* | *A* | *C* III | $\beta_r$ III |
| 146 | R. | ♀ | *A* | *A* | | *A* |
| 146*a* | R. | ?♂ | I | III | | $\gamma$ |
| 147 | L. | ♂ | II | *A* | | $\beta_r$ I |
| 147*a* | R. | ♂ | II | II | | $\gamma$ |
| 148 | R. | ♂ | *A* | *A* | | *d* |
| 148*a* | L. | ♂ | *A* | *A* | | $\alpha$ |
| 149 | L. | ?♂ | II | I | *C* | $\gamma$ I |
| 149*a* | R. | ?♂ | *A* | II | *C* III | *d* |
| 150 | R. | ?♂ | *A* | III | | $\beta_r$ I |
| 150*a* | L. | ♂ | *A* | *A* | | $\beta$ III |
| 151 | L. | ?♂ | III | II | | $\beta_r$ I |
| 151*a* | L. | ♀ | I | *A* | | $\beta_r$ |
| 152 | R. | ?♂ | II | III | *C* III | *d* |
| 153 | R. | ♀ | *A* | III | | $\beta_r$ |
| 154 | L. | ?♀ | *A* | *A* | | $\gamma$ I |
| 155 | L. | ♀ | *A* | III | *C* | $\beta_r$ |
| 156 | R. | ♂ | II | *A* | | $\beta$ III |
| 156*a* | R. | ♂ | *A* | *A* | | $\alpha$, $\gamma$ |
| 157 | L. | ♀ | *A* | *A* | *C* III | *A* |
| 157*a* | L. | ♂ | *A* | III | | $\beta$ III |
| 158 | R. | ♂ | *A* | *A* | | $\beta$ |
| 158*a* | R. | ♂ | *A* | II | | $\alpha$ |
| 159 | R. | ♂ | *A* | *A* | | *A* |
| 159*a* | R. | ♀ | I | *A* | | $\gamma$ III |
| 160 | R. | ♀ | *d* | *A* | | $\beta_r$ III |
| 160*a* | R. | ♂ | *A* | II | *C* III | $\gamma$ |
| 161 | L. | ♀ | *A* | *A* | | *d* |
| 161*a* | L. | ♂ | II | III | | *A* |
| 162 | R. | ♂ | II | *A* | | ?*A* |
| 162*a* | L. | ♂ | *A* | *A* | | *d* |
| 163 | L. | ♂ | III | III | | *d* |
| 163*a* | L | ♀ | III | III | | $\beta$, $\gamma$ |
| 164 | L. | ♀ | *A* | *A* | | $\beta_r$ I |

| No. | Side | Sex | 3rd Trochanter | Hypotrochanteric Fossa | Crural Trough | Poirier's Facet |
|---|---|---|---|---|---|---|
| 164*a* | L. | ♂ | III | III | | $\gamma$ |
| 165 | R. | ♂ | *d* | *A* | | $\beta$, $\gamma$ I |
| 166 | L. | ♂ | *A* | *A* | | $\beta_r$ |
| 167 | R. | ♂ | *d* | *A* | *C* III | *d* |
| 168 | L. | ♂ | *A* | II | | $\gamma$ |
| 169 | L. | ♂ | III | *A* | | $\beta_r$ III |
| 170 | R. | ♂ | *A* | *A* | | $\beta$ III |
| 171 | R. | ♂ | III | *A* | | $\gamma$ |
| 172 | R. | ♂ | *A* | *A* | | $\beta_r$ |
| 173 | R. | ♂ | III | *A* | | *A* |
| 174 | L. | ♂ | III | *A* | | $\gamma$ |
| 175 | L. | ♂ | III | *A* | | *A* |
| 176 | R. | ♂ | III | III | *C* | $\beta_r$ I |
| 177 | L. | ♂ | III | III | *C* III | *d* |
| 200 | R. | ♂ | *A* | *A* | | *d* |
| 201 | L. | ♂ | *A* | II | | *d* |
| 202 | L. | ♂ | III | III | | *d* |
| 203 | L. | ♂ | III | *A* | *C* III | $\gamma$ |
| 204 | R. | ♂ | *A* | *A* | | $\beta_r$ III, $\gamma$ |
| 205 | R. | ♂ | *A* | *A* | | $\beta$ III |
| 206 | R. | ♂ | *A* | III | | $\beta_r$ |
| 206*a* | R. | ♂ | *A* | III | *C* | *d* |
| 207 | L. | ♂ | III | III | | $\beta_r$ III |
| 208 | R. | ♂ | *A* | *A* | | $\gamma$ |
| 209 | L. | ♂ | *A* | *A* | | $\gamma$ |
| 210 | R. | ♂ | II | III | | *d* |
| 211 | L. | ♂ | II | III | | $\gamma$ |
| 212 | R. | ♂ | I | *A* | | $\beta_r$ |
| 213 | R. | ♂ | *A* | [illegible] | | $\beta$ III |
| 214 | R. | ♂ | II | *A* | | $\alpha$ |
| 215 | L. | ♂ | *A* | [illegible] | *C* III | $\beta_r$ I |
| 216 | L. | ♂ | III | | | *A* |
| 217 | L. | ♂ | *A* | | | $\alpha$, $\gamma$ I |
| 218 | L. | ♂ | ? III | *A* | *C* I | *d* |
| 219 | R. | ♂ | I | *A* | | *A* |
| 220 | R. | ♂ | I | *A* | | $\beta_r$ I |
| 221 | R. | ♂ | *A* | I | | $\alpha$ |
| 222 | R. | ♂ | II | *A* | | $\beta$ I |
| 223 | R. | ♂ | II | *A* | | $\gamma$ |
| 224 | R. | ?♂ | III | *A* | *C* III | *A* |
| 225 | R. | ♂ | *A* | II | | $\beta$ III |
| 226 | L. | ♂ | III | II | | *A* |
| 227 | L. | ♂ | *A* | III | | ? |
| 228 | L. | ♂ | III | III | | $\beta_r$ |
| 229 | R. | ♂ | II | *A* | *C* III | *A* |

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